

OFFER FOR COLLOCATION

SERVICE DESCRIPTION

WBA/WLL

Changes from previous version¹

Added

Paragraph	Remarks	Issue

Changed

Paragraph	Remarks	Issue

Removed

Paragraph	Remarks	Issue

1. Grammatical changes are not indicated.

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1 KPN Collocation Service for WBA/WLL

1.1 Introduction

- 1.1.1 This document presents the specific service description applicable to the KPN Collocation Service for WBA/WLL (Wholesale Broadband Access and/or Wholesale Leased Lines provided by KPN to [Service Taker](#), pursuant to the Framework Agreement, Individual Agreements, and supporting manuals and schedules.
- 1.1.2 Service Elements that apply for all of the KPN Collocation Services are presented in [General Service Description](#).
- 1.1.3 This document is an 'add-on' to the [General Service Description](#) and all other general documents.

2 KPN Collocation Service for WBA/WLL

2.1 Service description

2.1.1 The KPN Collocation Service for WBA/WLL

- i) shall be provided by KPN to [Service Taker](#) in accordance with the terms and conditions of this [Agreement](#);
- ii) shall consist of a [WBA/WLL Collocation Facility](#) which meets the conditions specified in the General and specific [Technical Manual](#);
- iii) shall only be provided in conjunction with KPN's Wholesale Broadband Access Service and/or Wholesale Leased Lines Service as defined in the Reference Offers for Wholesale Broadband Access and/or Wholesale Leased Lines; and
- iv) shall be made available by KPN to [Service Taker](#) at Metro Core, Regional and National locations, as requested by [Service Taker](#).

2.1.2 The KPN Collocation Service for WBA/WLL shall only be provided within an existing [Service Facility](#). KPN will not structurally change or build any new [Service Facility](#) to provide the KPN Collocation Service for WBA/WLL. Furthermore, KPN is under no obligation to undertake major construction work at an existing [Service Facility](#) for the provision of the Services governed by this Agreement.

2.1.3 WBA/WLL Collocation Space shall be allocated on a first-come, first-served basis as described in the [Operations and Maintenance Manual](#)

2.1.4 KPN may classify WBA/WLL Collocation Space as unavailable if it plans to use the area within three (3) years.

2.1.5 [Service Taker](#) shall submit a Request for a [Site Offer](#) in accordance with the [Operations and Maintenance Manual](#), prior to ordering the KPN Collocation Service for WBA/WLL.

2.1.6 KPN will commence work to make WBA/WLL Collocation Space ready for occupation when:

- i) [Service Taker](#) has agreed to the [Site Offer](#);
- ii) [Service Taker](#) has submitted an [Order](#) for Collocation in the form of a concluded [Individual Agreement](#) for a [Collocation Facility](#), in accordance with the [Operations and Maintenance Manual](#); and
- iii) KPN has received the first instalment of the non-recurring charges as specified in the main text of the [Framework Agreement](#).

2.2 Service Elements

2.2.1 The [WBA/WLL Collocation Facility](#) shall comprise the following [Standard Facilities](#):

- i) the WBA/WLL Collocation Space occupied by a minimum of one [Collocation Cabinet Footprint](#) within a shared WBA/WLL Collocation Room for the installation of [Service Taker Equipment](#) and connection of the [WBA/WLL Facilities Link](#), if required.
- ii) a current meter to measure the power usage.
- iii) a WBA/WLL link cable with 4 fibre pairs installed on a panel in the Collocation Cabinet Footprint which enables access to WBA/WLL services in the same building. On request a cable with more fibre pairs is available.
- iv) an ESD-safe computer floor, lighting, an electrical earthing point, climate control and cable trays;
- v) fire detection and protection and on-site ESD safety measures;
- vi) a basic 230V AC power supply for Non-Operational Equipment; and
- vii) rights of access and access control for [Service Taker Staff](#) to enter the [Service Facility](#) as described in the [Operations and Maintenance Manual](#).

2.2.2 The WBA/WLL Collocation Facility shall comprise a number of [Optional Facilities](#) for [Operational Equipment](#) that are specified in the [Technical Manual](#) and are subject to availability at each [Service Facility](#). [Service Taker](#) must select at least one of the following [Optional Facilities](#):

- i) 48V DC no-break power supply;
- ii) 230V AC un-monitored power supply; or
- iii) 230V AC monitored power supply (if available on site).

2.2.3 To ensure the required availability, service levels and the quality of service for WBA/WLL, KPN shall deliver two 48V DC power supplies to the CDF cabinet of Service Taker. Service Taker can choose other forms of power supply as described in this manual for the non-CDF cabinets.

2.2.4 The following [Optional Facilities](#) will also be available at each [Service Facility](#)

- i) KPN tubing required connecting the [WBA/WLL Facilities Link](#) to the Operational Equipment (if required by [Service Taker](#)).

2.2.5 The [Site Offer](#) for each [Service Facility](#) will clarify which [Optional Facilities](#) are readily installable. Any requests by [Service Taker](#) for facilities not listed

as readily installable in the [Site Offer](#), as described within the [Operations and Maintenance Manual](#), will be treated as Non-Standard Facilities and will be subject to a separate order and agreement between [Service Taker](#) and KPN.

2.2.6 The [WBA/WLL Facilities Link](#) tubing for the WBA/WLL Collocation Facility shall be provided in the following way:

- i) KPN shall provide [Service Taker](#) with cable tubing from the [Premises Cabling Interface](#) point to the boundary of the [Service Facility](#) in accordance with the [Operations and Maintenance Manual](#) and [Technical Manual](#);
- ii) KPN shall provide all ducts from the [Premises Cabling Interface Point](#) to the WBA/WLL Collocation Facility
- iii) [Service Taker](#) shall provide its own [WBA/WLL Facilities Link](#) to each of the cable tubes provided by KPN at the [Service Facility](#) boundary in accordance with the [Operations and Maintenance Manual](#);
- iv) KPN shall bring the [WBA/WLL Facilities Link](#) through the KPN cable tubes into the [Service Taker's](#) WBA/WLL Collocation Room in accordance with the [Operations and Maintenance Manual](#); and
- v) [Service Taker](#) shall be responsible for laying the fibre cabling inside the WBA/WLL Collocation Room in the indicated ducts and connecting the fibre cabling to their own equipment within the WBA/WLL [Collocation Facility](#).
- vi) KPN shall facilitate the repositioning of the [WBA/WLL Facilities Link](#) outside the [Service Facility](#) Boundary if there is a change to the position of the [Fibre Interface Point](#). This will only occur in exceptional circumstances.

2.2.7 Diverse and separate routing of the [Fibre Facilities Link](#) to the WBA/WLL Collocation Facility shall be provided in the following way:

- i) In case a [Service Facility](#) has two [separate Premises Cabling Interface Points](#), diverse and separate routing of the [HKWBT/HL Facilities Link](#) inside the KPN Building may be requested as a [Non-Standard Facility](#) at the time of the [Site Offer Request](#). In such case only, the provided cable tubes will be diversely and separately routed to two different [Fibre Interchange Points](#) at the [Service Facility Boundary](#).
- ii) In case the [Service Facility](#) has only [one Premises Cabling Interface Point](#), the two provided cable tubes will be routed in one gully to one [Fibre Interchange Point](#) at the [Service Facility Boundary](#). In such case, diverse and separate routing of the [HKWBT/HL Facility Link](#) inside the KPN Building is not possible.

- 2.2.8 An IS/RA point for telephony is not part of the Collocation [service](#). The IS/RA point may be requested as a retail service from the KPN Retail Account Manager.

2.3 Responsibilities

- 2.3.1 KPN responsibilities shall include the following in accordance with the [Operations and Maintenance Manual](#):

- i) The provision of the KPN Collocation Service for WBA/WLL;
- ii) If so applicable, obtaining and maintaining the necessary licences and approvals, and (on request of [Service Taker](#)) changing these licences; and
- iii) The notification of [Service Taker](#) of any decisions to decommission a [Service Facility](#).

- 2.3.2 [Service Taker](#) responsibilities shall include the following in accordance with the [Operations and Maintenance Manual](#):

- i) requesting a [Site Offer](#) at the appropriate time, taking into account the maximum lead-times for the delivery of WBA/WLL Collocation Space, as detailed within the [Parameter Schedule](#);
- ii) the ordering of the KPN Collocation Service for WBA/WLL; and
- iii) contacting the [KPN Fault Contact Point](#) as required to report [Faults](#).

2.4 Quality of service

- 2.4.1 KPN shall provide the KPN Collocation Service for WBA/WLL to the service levels set out in the [Operations and Maintenance Manual](#).

2.5 Tariffs

- 2.5.1 The charges payable by [Service Taker](#) to KPN for the KPN Collocation Service for WBA/WLL are:

- i) in addition to any other charges payable in respect of other [Services](#) detailed in this [Agreement](#); and
- ii) the sum of the non recurring charges, recurring charges and usage charges in accordance with the paragraphs below.

- 2.5.2 The non-recurring charges for each [WBA/WLL Collocation Facility](#) shall include:

- i) a charge for the provision of each of the [Standard Facilities](#) available for the use of [Service Taker](#) within

Service Taker's WBA/WLL Collocation Space within a WBA/WLL Collocation Facility.

- ii) if selected as **Optional Facilities** by **Service Taker**, the installation of one or more of the following power supplies for connection to **Operational Equipment**:
 - a) 48V DC no break power supply;
 - b) 230V AC un-monitored power supply;
 - c) 230V AC monitored power supply (if available on site).as specified in the **Technical Manual**;
- iii) if selected as an **Optional Facility** by **Service Taker**, an installation charge for KPN tubing to connect the **ILL Facilities Link** to the **Operational Equipment**; and
- iv) a charge for **Non-Standard Facilities**, as required by **Service Taker**, agreed by KPN and subject to bespoke pricing not governed by this Agreement.

2.5.3 The recurring charges for each **WBA/WLL Collocation Facility** shall include:

- i) a rental charge for the **Standard Facilities**; and
- ii) if selected as **Optional Facilities** by **Service Taker**, a usage charge for:
 - a) 48V DC no break power supply; and / or
 - b) 230V AC un-monitored power supply; or
 - c) 230V AC monitored power supply; and
 - d) KPN tubing.

2.5.4 The charges payable by **Service Taker** to KPN for the KPN Collocation Service for WBA/WLL are specified in the Specific **Tariff Schedule**.

– End of Service Description –