

OFFER FOR COLLOCATION 2004

SERVICE DESCRIPTION MDF ACCESS

Changes from previous version¹

Added

Paragraph	Remarks	Issue ²
2.6	Added par 2.6 Joint Enclosure Facility	
2.1.1 sub D	Access to joint enclosure facility	

Changed

Paragraph	Remarks	Issue ²
Voettekst	Changed version from 2.2 to 2.3	
Various	Colours to various definitions, services and documents	
Par 2.6 - 2.9	Renumber the following par 2.6 => 2.7 par 2.7 => 2.8 par 2.8 => 2.9	

Removed

Paragraph	Remarks	Issue ²

¹ Grammatical changes have not been indicated.

² See "Reply issues RO2001 collocation 3rd phase.xls"

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1 KPN Telecom Collocation Service for MDF Access

1.1 Introduction

- 1.1.1 This document presents the specific service description applicable to the **KPN Telecom Collocation Service for MDF Access** provided by KPN to **Service Taker**, as used in the Framework Agreement, Individual Agreements, and supporting manuals and schedules.
- 1.1.2 Service Elements that apply for all of the **KPN Telecom 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 Service Description

2.1 Collocation Service for MDF Access

2.1.1 The KPN Telecom Collocation Service for MDF Access:

- I. shall be provided by KPN to Service Taker in accordance with the terms and conditions of this Agreement;
- II. shall consist of:
 - a) a Physical Collocation Facility; or
 - b) an Adjacent Collocation Facility; or
 - c) a Streetcabinet Collocation Facility in conjunction with an Adjacent Collocation Facility
 - d) access to a Joint Enclosure Facility.which meet the conditions specified in the MDF Access Technical Manual; and
- III. shall only be provided in conjunction with one or more KPN Telecom MDF Access Services which are provided by KPN on the basis of separate agreements with the Service Taker.

2.1.2 The KPN Telecom Collocation Service for MDF Access shall only be provided within, adjacent to, or elsewhere within the Service Facility Boundary of an existing Service Facility. KPN will not structurally change or build any new Service Facility to provide the KPN Telecom Collocation Service for MDF Access. 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 Collocation Space shall be allocated on a first-come, first-served basis as described in the MDF Access Operations and Maintenance Manual. This is an 'add-on' to the General Operations and Maintenance Manual.

2.1.4 KPN may classify Collocation Space as unavailable if it plans to use the area within one year.

2.1.5 Service Taker shall submit a Request for a Site Offer in accordance with the MDF Access Operations and Maintenance Manual, prior to ordering the KPN Telecom Collocation Service for MDF Access.

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

- 1) Service Taker has agreed to the Site Offer;
- 2) Service Taker has submitted an Order for Collocation in the form of a concluded Individual Agreement for a Collocation Facility, in accordance with the MDF Access Operations and Maintenance Manual;
- 3) KPN has received the first instalment of the non-recurring

charges as specified in the main text of the [Framework Agreement](#); and

- 4) if so applicable, KPN has received all required building approvals and/or building & environmental licences.

2.2 Tie Cable

2.2.1 The structure for providing KPN Telecom [Tie Cable](#) Service:

- i) shall consist of a [Tie Cable](#) from the Service Interface Point (SIP) on the [Collocation Distribution Frame \(CDF\)](#) to the horizontal or telephone-switch side of the Main Distribution Frame (MDF), known as the [B-cable](#), for transmission of the full frequency of the spectrum as described in the [MDF Access Services Technical Manual](#);
- ii) shall consist of a [Tie Cable](#) from the Service Interface Point (SIP) on the [Collocation Distribution Frame \(CDF\)](#) to the vertical or Subscriber side of the Main Distribution Frame, known as the [D-cable](#), for transmission of the voice frequency of the spectrum as described in the [MDF Access Services Technical Manual](#);
- iii) shall consist of a splitter, provided by the [Service Taker](#), on the [Service Taker](#) domain in the [Collocation Space](#) in case of adjacent collocation, to avoid mutual distortion and interference between the voice service and the ADSL service as described in the [MDF Access Services Technical Manual](#);

2.3 Physical Collocation

2.3.1 The [Physical Collocation Facility](#) for MDF Access shall comprise the following [Standard Facilities](#), as specified in the MDF Access [Technical Manual](#):

- 1) the [Collocation Space](#) occupied by the [Collocation Cabinet Footprint](#) within a [Physical Collocation Room](#);
- 2) fire detection and protection and on-site ESD safety measures;
- 3) an ESD-safe computer floor, lighting, an electrical earthing point, climate control and cable trays;
- 4) a basic 230V AC socket for the connection of [Non-Operational Equipment](#);
- 5) rights of access and access control for [Service Taker Staff](#) to enter the [Service Facility](#) as described in the MDF Access [Operations and Maintenance Manual](#); and
- 6) tubes and ducts installed by KPN for the connection of the [Fibre Facilities Link](#) in accordance with the MDF Access [Operations and Maintenance Manual](#);

2.3.2 The [Physical Collocation Facility](#) shall comprise a number of the following [Optional Facilities](#) that are specified in the MDF Access [Technical Manual](#) and will be provided subject to availability at each [Service Facility](#). [Service](#)

Taker must select at least one of the power options (items (i) to (iii)) within the list of **Optional Facilities**. The **Optional Facilities** are:

- 1) 48V DC no-break power supply;
- 2) 230V AC un-monitored supply; or
- 3) 230V AC monitored power supply, if available on site.

2.3.3 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 on the **Site Offer**, as described within the MDF Access **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.

2.3.4 The **Fibre Facilities Link** for the **Physical Collocation Facility** shall be provided in the following way:

- 1) KPN shall provide **Service Taker** with two cable tubes from the **Premises Cabling Interface Point** to the boundary of the **Service Facility** in accordance with the MDF Access **Operations and Maintenance Manual** and MDF Access **Technical Manual**;
- 2) KPN shall provide all ducts from the **Premises Cabling Interface Point** to the **Physical Collocation Space**;
- 3) the **Service Taker** shall provide its own **Fibre Facilities Link** to each cable tube provided by KPN at the **Service Facility Boundary**, in accordance with the MDF Access **Operations and Maintenance Manual**;
- 4) KPN shall bring the **Fibre Facilities Link** through the KPN cable tubes and ducts into the **Physical Collocation Room**, in accordance with the MDF Access **Operations and Maintenance Manual**;
- 5) the **Service Taker** shall be responsible for laying the fibre cabling inside the **Physical Collocation Room** in the indicated ducts and connecting the fibre cabling to their own equipment within the **Physical Collocation Facility**; and
- 6) KPN shall facilitate the repositioning of the **Fibre 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.

2.3.5 Diverse and separate routing of the **Fibre Facilities Link** for the **Physical Collocation Facility** shall be provided in the following way:

- 1) Only in case a **Service Facility** has two **Premises Cabling Interface Points** the provided cable tubes will be diversely and separately routed to two different **Fibre Interchange Points** at the **Service Facility Boundary**;
- 2) In case a **Service Facility** has two separate **Premises Cabling Interface Points** diverse and separate routing of the **Fibre**

[Facilities Link](#) inside the KPN Building can be requested as a [Non-Standard Facility](#) at the time of the [Site Offer Request](#);

- 3) 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](#);
 - 4) In case the [Service Facility](#) has only one [Premises Cabling Interface Point](#) diverse and separate routing of the [Fibre Facility Link](#) inside the KPN Building is not possible.
- 2.3.6 An IS/RA point for telephony is not part of the collocation [Service](#). The IS/RA point can be requested as a retail service from the KPN Retail Account Manager. An IS/RA point can only be installed as an optional non-standard facility in the [Collocation Space](#) on a request from [Service Taker](#) if all of the following conditions are met:
1. The location where [Service Taker](#) requests the IS/RA point must be in the vicinity of the Main Distribution Frame (Hoofdverdeler) in that [Service Facility](#).
 2. The IS/RA point will be installed in the CDF from [Service Taker](#). In some cases the IS/RA point can also be installed in the [Physical Collocation Room](#).
 3. A PSTN or ISDN line will be connected to the installed IS/RA point.
- 2.3.7 An energy gauge is not part of the collocation [Service](#). [Service Taker](#) cannot request an energy gauge in a [Service Facility](#) for [KPN Telecom Collocation Service for MDF Access](#).

2.4 Adjacent Collocation

- 2.4.1 The [Adjacent Collocation Facility](#) shall consist of:
- 1) a [Collocation Space](#) occupied by a [Lockable CDF Shelter](#) near the [Service Facility Boundary](#) of a [Service Facility](#) as specified in the MDF Access [Technical Manual](#); and
 - 2) a pre-built [Collocation Distribution Frame \(CDF\)](#) installed within the [Lockable CDF Shelter](#);
 - 3) an electrical earthing point;
 - 4) KPN ducting for the connection of the [Copper Facilities Link](#); and
 - 5) rights of access and access control for [Service Taker Staff](#) to enter the [Service Facility](#) as described in the MDF Access [Operations and Maintenance Manual](#);
- 2.4.2 The [Adjacent Collocation Facility](#) shall be connected to the [Service Taker Infrastructure](#) via the [Copper Facilities Link](#).
- 2.4.3 As the [Adjacent Collocation Facility](#) will be constructed within the [Service](#)

[Facility Boundary](#), it will be subject to the access control processes and systems in place at that [Service Facility](#).

- 2.4.4 An ISRA point for telephony is not part of the collocation [Service](#). The ISRA point can be requested as a retail service with the Retail Account Manager.
- 2.4.5 The following conditions shall apply to the use of the [Adjacent Collocation Facility](#):
- 1) the [Adjacent Collocation Facility](#) shall only be used to terminate the [Copper Facilities Link](#) onto the [CDF](#); and
 - 2) copper cable owned by [Service Taker](#) and installed by KPN shall only be used to carry signals from the [Adjacent Collocation Facility](#) to the [Service Taker Infrastructure](#).
- 2.4.6 The [Copper Facilities Link](#) for the [Adjacent Collocation Facility](#) shall be provided and maintained in the following way:
- 1) Service Taker shall provide the [Copper Facilities Link](#) from the [Adjacent Collocation Space](#) to the [Service Taker Infrastructure](#) or, if applicable, to the [Streetcabinet Collocation Space](#);
 - 2) KPN shall lay the [Copper Facilities Link](#) from the [Facilities Link Entry Point](#) to the [Adjacent Collocation Space](#) or, if applicable, from the [Adjacent Collocation Space](#) to the [Streetcabinet Collocation Space](#) as specified in the MDF Access [Operations and Maintenance Manual](#); and
 - 3) [Service Taker](#) shall be responsible for connecting the copper cabling to its own equipment within the [Adjacent Collocation Facility](#), and, if applicable, within the [Streetcabinet Collocation Facility](#). [Service Taker](#) will maintain the [Copper Facilities Link](#); and
 - 4) access to the [Service Facility](#) and KPN property for maintenance of the [Copper Facilities Link](#) shall be in accordance with the MDF Access [Operations and Maintenance Manual](#).

2.5 Streetcabinet Collocation

- 2.5.1 **MDF Backhaul Collocation** is not part of the standard **Streetcabinet Collocation Service**. MDF Backhaul can be requested by **Service Taker** as an optional facility. MDF Backhaul is described in separate documentation.
- 2.5.2 The **Streetcabinet Collocation Facility** can only be used in conjunction with an **Adjacent Collocation Facility** and shall comprise the following service components:
- 1) a pre-defined **Streetcabinet Collocation Space** within the perimeter grounds of a **Service Facility** upon which **Service Taker** may install its own **Streetcabinet**, complying with the specifications detailed in the MDF Access **Technical Manual**.
 - 2) an electrical earthing point;
 - 3) cable ducting from the boundary of the **Service Facility** to the **Streetcabinet Collocation Space** for the installation of AC power cable and **Service Taker's** Fibre Facility Link cable, as required by the **Service Taker** and in accordance with the specifications and constraints as described within the MDF Access **Technical Manual**;
 - 4) cables, ducts and tubes from the **Streetcabinet Collocation Space** to Service Taker's **Adjacent Collocation Facility** in order to accommodate the **Copper Facilities Link**, as described in MDF Access **Technical Manual**; and
 - 5) rights of access and access control for Service Taker Staff to enter the Service Facility as described in the MDF Access **Operations and Maintenance Manual**.
- 2.5.3 The **Streetcabinet Collocation Facility** shall be connected to the **Service Taker's** Infrastructure via the Fibre Facilities Link. In case of MDF Backhaul the **Streetcabinet Collocation Facility** shall be connected with the KPN Infrastructure.
- 2.5.4 As the **Streetcabinet Collocation Facility** will be constructed within the **Service Facility Boundary**, it will be subject to the access control processes and systems in place at that **Service Facility**.
- 2.5.5 An ISRA point for telephony is not part of the collocation **Service**. The ISRA point can be requested as a retail service with the Retail Account Manager.
- 2.5.6 An energy gauge is not part of the collocation **Service**. **Service Taker** cannot request an energy gauge in a **Service Facility** for **KPN Telecom Collocation Service for MDF Access**.
- 2.5.7 Paragraph 2.5.8 is not valid if **Streetcabinet Collocation** is combined with **MDF Backhaul**. The way the Fibre Facilities link is provided in case of MDF Backhaul is described in MDF Backhaul **Service Description**.

2.5.8 The [Fibre Facilities Link](#) for the [Streetcabinet Collocation Facility](#) shall be provided in the following way:

- 1) KPN shall provide [Service Taker](#) with one cable tube from the [Streetcabinet Collocation](#) to the boundary of the [Service Facility](#) in accordance with the MDF Access [Operations and Maintenance Manual](#) and MDF Access [Technical Manual](#);
- 2) KPN shall provide all ducts from the [Premises Cabling Interface Point](#) to the [Streetcabinet Collocation Space](#);
- 3) the [Service Taker](#) shall provide its own [Fibre Facilities Link](#) to each cable tube provided by KPN at the [Service Facility Boundary](#), in accordance with the MDF Access [Operations and Maintenance Manual](#);
- 4) KPN shall bring the [Fibre Facilities Link](#) through the KPN cable tubes and ducts into the [Streetcabinet](#), in accordance with the MDF Access [Operations and Maintenance Manual](#);
- 5) the [Service Taker](#) shall be responsible for connecting all types of facility links to their own equipment within the [Streetcabinet](#); and
- 6) KPN shall facilitate the repositioning of the [Fibre 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.

2.5.9 Optional diverse and separate routing of the [Fibre Facilities Link](#) for the [Streetcabinet Collocation Facility](#) shall be provided in the following way:

- 1) Only in case a [Service Facility](#) has two [Premises Cabling Interface Points](#), the provided cable tubes will be diversely and separately routed to two different [Fibre Interchange Points](#) at the [Service Facility Boundary](#);
- 2) In case a [Service Facility](#) has two separate [Premises Cabling Interface Points](#), diverse and separate routing of the [Fibre Facilities Link](#) inside the KPN Building can be requested as a [Non-Standard Facility](#) at the time of the [Site Offer Request](#);
- 3) In case the [Service Facility](#) has only one [Premises Cabling Interface Point](#) the provided cable tube will be routed in one gully to one [Fibre Interchange Point](#) at the [Service Facility Boundary](#);
- 4) In case the [Service Facility](#) has only one [Premises Cabling Interface Point](#) the two, or more, provided cable tubes will be routed in one gully to one [Fibre Interchange Point](#) at the [Service Facility Boundary](#);
- 5) In case the [Service Facility](#) has only one [Premises Cabling Interface Point](#) diverse and separate routing of the [Fibre Facility Link](#) inside the [Service Facility](#) is not possible.

2.5.10 The following conditions apply to the use of the Streetcabinet Collocation Service:

- 1) **Service Taker** must obtain their own power supply in accordance with the specifications and constraints described within the MDF Access **Technical Manual**;
- 2) **Streetcabinet Collocation** can only be used in conjunction with an **Adjacent Collocation Facility** deployed by **Service Taker** within a single **Service Facility** and subject to the processes and procedures described in the MDF Access **Operations and Maintenance Manual**;
- 3) The **Streetcabinet** shall only be used to house **Service Taker's** own telecommunications equipment, subject to the power and environmental conditions described in the MDF Access **Technical Manual**;
- 4) The Copper Facilities Link Installed by **Service Taker** shall only be used to carry signals from the **Adjacent Collocation Facility** to the **Streetcabinet Collocation Facility**;
- 5) An ISRA point for telephony is not part of the collocation **Service**. The ISRA point can be requested as a retail service with the Retail Account Manager;
- 6) **Service Taker** is responsible for installing and connecting cables inside the **Adjacent Collocation Facility** and the **Streetcabinet Collocation Facility**; and
- 7) The **Energy Supply and Fuse Cabinet** ("veldkastje") shall not be placed on the **Service Facility**.

2.6 Joint Enclosure Facility

- 2.6.1 The **Joint Enclosure Facility** shall comprise the following service components:
 - 2.6.1.1 a pre-defined **Lockable CDF Shelter** including a **CDF**, which shall comply with the specifications detailed in the **MDF Access Technical Manual**.
 - 2.6.1.2 an electrical earthing point;
 - 2.6.1.3 cable ducting from the Joint Enclosure Facility to the KPN- or **Service Taker** infrastructure;
 - 2.6.1.4 cables, ducts and tubes from the **Joint Enclosure Facility** to the **Collocation Distribution Frame**. as described in **MDF Access Technical Manual**;
 - 2.6.1.5 KPN will deliver and install the BJ cable and, if applicable, the **DJ cable** on the **Collocation Distribution Frame** (CDF).
 - 2.6.1.6 A pre build **Collocation Distribution Frame** (CDF) installed within, or nearby, the **Lockable CDF shelter**,
 - 2.6.1.7 rights of access and access control for **Service Taker Staff** to enter the **Joint Enclosure Facility** as described in the **MDF Access Operations and Maintenance Manual**.
 - 2.6.1.8 One electrical lighting point in the **Lockable CDF Shelter** of **Service Taker**,
 - 2.6.1.9 One wall socket (230V AC) in the **Lockable CDF Shelter** of **Service Taker** for non operational equipment.
 - 2.6.1.10 The **Joint Enclosure Facility** will be subject to the KPN access control processes and systems in place at the **Joint Enclosure Facility**.
 - 2.6.1.11 An ISRA point for telephony is not part of the collocation Service. The ISRA point can be requested as a retail service with the Retail Account Manager.
 - 2.6.1.12 An energy gauge is not part of the **Joint Enclosure Facility**. **Service Taker** cannot request an energy gauge in a **Joint Enclosure Facility** for **KPN Telecom Collocation Service for SDF Access**.
 - 2.6.1.13 The following conditions shall apply to the use of the **Joint Enclosure Facility**:
 - 2.6.13.1 the **Joint Enclosure Facility** shall only be used to terminate the **Copper Facilities Link** onto the **CDF**;
 - 2.6.13.2 the copper cable owned by KPN and installed by KPN shall only be used to carry signals from the **Joint Enclosure Facility** to the KPN Infrastructure.
 - 2.6.13.3 The **Lockable CDF Shelter** shall only be used to house the **CDF** and **Service Taker Equipment**.

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- 2.6.13.4 [Service Taker](#) is allowed to install active DSL equipment in the [Lockable CDF Shelter](#).
- 2.6.13.5 The [Energy Supply and Fuse Cabinet](#) (“veldkastje”) shall not be placed inside the [Joint Enclosure Facility](#). (This item is under investigation by KPN).
- 2.6.13.6 [Service Taker](#) is responsible for connecting and the maintenance of the copper cabling to its own equipment within the [Joint Enclosure Facility](#),
- 2.6.13.7 All provided cable tubes will be routed in one gully to the [Joint Enclosure Facility](#).

2.7 Responsibilities

2.7.1 KPN responsibilities shall include the following, in accordance with the MDF Access **Operations and Maintenance Manual**:

2.7.1.1 the provision of the **KPN Telecom Collocation Service for MDF Access**;

2.7.1.2 if so applicable, obtaining and maintaining the necessary licenses and approvals, and (on request of **Service Taker**) changing these licenses;

2.7.1.3 laying new **Facility Link** cables, either copper or fibre, as provided by **Service Taker**, in the event of faults on the installed link cables; and

2.7.1.4 The notification of **Service Taker** of any decision to de-commission a **Service Facility** in accordance with the MDF Access **Operations and Maintenance Manual**.

2.7.2 **Service Taker** responsibilities shall include the following, in accordance with the MDF Access **Operations and Maintenance Manual**:

2.7.2.1 The ordering of the **KPN Telecom Collocation Service for MDF Access**;

2.7.2.2 obtaining **Local Authority** approval for the construction of **Streetcabinet Collocation Facilities**;

2.7.2.3 is responsible for obtaining power supply in case of a **Streetcabinet Collocation Facility**;

2.7.2.4 is responsible for providing transmission services;

2.7.2.5 providing new **Facility Link** cables, whether copper or fibre, in the event of faults on the installed link cables owned by **Service Taker**;

2.7.2.6 contacting the KPN **Fault Contact Point** to report **Faults**.

2.8 Quality of service

2.8.1 KPN shall provide the **KPN Telecom Collocation Service for MDF Access** to the service levels set out in the MDF Access **Operations and Maintenance Manual** and MDF Access **Parameter Schedule**.

2.9 Tariffs

2.9.1 The charges payable by **Service Taker** to KPN for the **KPN Telecom Collocation Service for MDF Access** are:

2.9.1.1 in addition to any other charges payable in respect of other **Services** detailed in this **Agreement**; and

2.9.1.2 the sum of the non recurring charges, recurring charges and usage charges in accordance with the paragraphs below.

2.9.2 The non-recurring charges for each **Physical Collocation Facility** shall include:

2.9.2.1 a charge for the provision of each of the **Standard Facilities** available for use by Service Taker within Service Taker's **Physical Collocation Space** within a **Collocation Room**;

2.9.2.2 a charge for the installation of one or more of the following power supplies for connection to **Operational Equipment**, selected by **Service Taker** as **Optional Facility**:

2.9.2.2.1 48V DC no- break power supply;

2.9.2.2.2 230V AC un-monitored power supply;

2.9.2.2.3 230V AC monitored power supply; if available on location.

as specified in the MDF Access **Technical Manual**; and

2.9.2.3 a charge for **Non-Standard Facilities**, as required by **Service Taker**, agreed by KPN and subject to bespoke pricing not governed by this Agreement.

2.9.3 The recurring charges for each **Physical Collocation Facility** shall include:

2.9.3.1 the rental charge for each **Physical Collocation Cabinet Footprint** and other **Standard Facilities**; and

2.9.3.2 a usage charge for the **Optional Facilities** selected by **Service Taker**:

2.9.3.2.1 48V DC no- break power supply; and / or

2.9.3.2.2 230V AC un-monitored power supply; or

2.9.3.2.3 230V AC monitored power supply; if available on location.

2.9.4 The non-recurring charges for each **Adjacent Collocation Facility** shall include

2.9.4.1 a one-off payment for the provision of the facility.

2.9.5 The recurring charges for each **Adjacent Collocation Facility** shall include the rental charge for the **Adjacent Collocation Space** and a rental charge for the **Adjacent Collocation Facility**.

- 2.9.6 The non-recurring charges for [Streetcabinet Collocation](#) shall include
- I) a one-off payment for the provision of the [Streetcabinet Collocation Facility](#); and
 - II) the non-recurring charges for the [Adjacent Collocation Facility](#), as described in 2.9.4.
- 2.9.7 The recurring charges for [Streetcabinet Collocation](#) shall include
- I) the recurring charges for the [Adjacent Collocation Space](#) and [Adjacent Collocation Facility](#), as described in 2.9.5;
 - II) the rental charge for the Streetcabinet Collocation Space.
- 2.9.8 The charges payable by [Service Taker](#) to KPN for the [KPN Telecom Collocation Service for MDF Access](#) are specified in the Specific MDF Access [Tariff Schedule](#).

- End of Service Description -