

# **OFFER FOR COLLOCATION 2004**

## **SERVICE DESCRIPTION**

### **UNDERSEA CABLE LANDING STATIONS**

## Changes from previous version<sup>1</sup>

### *Added*

Paragraph	Remarks	Issue <sup>2</sup>

### *Changed*

Paragraph	Remarks	Issue <sup>2</sup>
Various	The word “Telco” removed and changed into Service Taker	
Various	Colours added indicating links to Definitions, documents and Services.	
Voettekst	Changed version from 2.0 to 2.1	

### *Removed*

Paragraph	Remarks	Issue <sup>2</sup>
Various	Document consistency improved with removal of year “2003”	

<sup>1</sup> Grammatical changes have not been indicated.

<sup>2</sup> See “Reply issues RO2001 collocation 3rd phase.xls”

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## **1 KPN Telecom Collocation Service for Undersea Cable Landing stations**

### **1.1 Introduction**

- 1.1.1 This document presents the specific service description applicable to the **KPN Telecom Collocation Service for Undersea Cable Landing Stations** 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 the **General Service Description**.
- 1.1.3 This document is an 'add-on' to the **General Service Description** and all other general documents.

## 2 KPN Telecom Collocation Service for Undersea Cable Landing Stations

### 2.1 Service description

2.1.1 The KPN Telecom Collocation Service for Undersea Cable Landing Stations:

- i) shall be provided by KPN to Service Taker in accordance with the terms and conditions of this Agreement;
- ii) shall consist of a Landing Station Collocation Facility which meets the conditions specified in the Technical Manual;
- iii) shall only be provided to parties in conjunction with one or more of the KPN Direct Toegang Zeekabel VC4 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 Undersea Cable Landing Stations shall only be provided within an existing Service Facility. KPN will not build any new Service Facility to provide KPN Telecom Collocation Service for Undersea Cable Landing Stations. Furthermore KPN is under no obligation to undertake major construction work at an existing Service Facility for the provision of services governed by this Agreement.

2.1.3 Collocation Space within Undersea Cable Landing Stations shall be allocated on a first-come, first-served basis as described in the Operations and Maintenance Manual.

2.1.4 KPN may classify 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 Ste Offer in accordance with the Operations and Maintenance Manual prior to ordering the KPN Telecom Collocation Service for Undersea Cable Landing Stations.

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

- i) Service Taker has agreed to the Ste 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 **Landing Station Collocation Facility** shall comprise the following **Standard Facilities**:

- i) the **Landing Station Collocation Space** occupied by the **Collocation Cabinet Footprint** within a shared **Landing Station Collocation Room** for the installation of **Service Taker Equipment** and connection of the **Fibre Facilities Link**;
- ii) an ESD-safe computer floor, lighting, an electrical earthing point, climate control and cable trays;
- iii) fire detection and protection and on-site ESD safety measures;
- iv) a basic 230V AC power supply for **Non-Operational Equipment**;
- v) Two independently routed KPN tubes required to connect the **Fibre Facilities Links** to the **Operational Equipment** in accordance with the **Operations and Maintenance Manual**; and
- vi) 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 **Landing Station 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.

2.2.3 The **Site Offer** for each **Service Facility** will clarify whether all **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 **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.

2.2.4 The **Fibre Facilities Link** for the **Landing Station Collocation Facility** shall be provided in the following way:

- i) KPN shall provide **Service Taker** with two cable tubes to the boundary of the **Service Facility** in accordance with the **Operations and Maintenance Manual** and **Technical Schedule**;

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- ii) the Service Taker shall provide its own Fibre Facilities Link to each cable tube provided by KPN, in accordance with the Operations and Maintenance Manual;
- iii) KPN shall bring the Fibre Facilities Link through the KPN cable tubes into the Service Taker's Landing Station Collocation Facility, in accordance with the Operations and Maintenance Manual;
- iv) the Service Taker shall be responsible for connecting the fibre cabling to their own equipment within the Landing Station Collocation Facility; and
- v) KPN shall facilitate the repositioning of either of the Fibre Facilities Links 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.

2.2.5 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.

## 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 Telecom Collocation Service for Undersea Cable Landing Stations**;
- ii) If so applicable, obtaining and maintaining the necessary licences and approvals, and (on request of **Service Taker**) changing these licences; and
- iii) 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) The ordering of the **KPN Telecom Collocation Service for Undersea Cable Landing Stations** in accordance with the **Operations and Maintenance Manual**;
- ii) agreeing commercial conditions and physical connection to the sea cables which are presented within the **Service Facility**;
- iii) contacting the **KPN Fault Contact Point** as required to report **Faults** in accordance with the **Operations and Maintenance Manual** and **Parameter Schedule**.

## 2.4 Quality of service

2.4.1 KPN shall provide the **KPN Telecom Collocation Service for Undersea Cable Landing Stations** to the service levels set out in the **Operations and Maintenance Manual** and **Parameter Schedule**.

## 2.5 Tariffs

2.5.1 The charges payable by **Service Taker** to KPN for the **KPN Telecom Collocation Service for Undersea Cable Landing Stations** 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 **Landing Station Collocation Facility** shall include:

- i) a charge for each **Landing Station Collocation Facility**, including **Standard Facilities** deployed by **Service Taker** for



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installation of its own equipment; and

- ii) 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**:
  - a) 48V DC no break power supply;
  - b) 230V AC un-monitored power supply;
  - c) 230V AC monitored power supply.as specified in the **Technical Manual**; and
- iii) 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 **Landing Station Collocation Facility** shall include:

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

2.5.4 The charges payable by **Service Taker** to KPN for the **KPN Telecom Collocation Service for Undersea Cable Landing Stations** are specified in the **Tariff Schedule**.

- End of Service Description -