

*This is a translation of an original document in Swedish. The translation is for informational purposes only. In case of discrepancies, the Swedish version prevails.*

## **Product Appendix and Product Specification Telia Wholesale Installation**

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Sub-appendix: Pricelist Telia Wholesale Installation

## 1 General information

This PRODUCT APPENDIX/PRODUCT SPECIFICATION applies to the optional Telia Wholesale Installation product (the Product)

The product is provided by Skanova AB, which continues to be called the Supplier. In other contexts, the Supplier may also be named Skanova or Telia Wholesale.

The party calling off the Product is referred to in this document as the Customer. In other documents, the Customer can also be named the Operator.

The Product can be ordered as an option for the following Main Product(s):

- Telia Wholesale Fiber

The Product can be ordered as add-ons upon delivery of the Main Product and consist of the following:

- **Work in on-premises networks**  
Work in building networks entails the connection of On-Premises Network to the User Position. See section 3 for more detailed information.
- **Installation of customer equipment**  
The Customer's equipment is installed by the Supplier in conjunction with delivery of the connection or during Reconnection. See section 4 for more detailed information.
- **Express Delivery**  
Express delivery can be ordered for faster delivery. See section 5 for more detailed information.
- **Work outside ordinary working hours**  
Work outside ordinary working hours can be ordered as an option for delivery. See section 6 for more detailed information.
- **Special access requirements**  
Special access requirements for delivery can be ordered for extended security at the time of delivery. See section 7 for more detailed information.

## 2 Prices, order and delivery terms

Prices and fees are set out in the PRICE LIST sub-appendix.

In addition to what is regulated by the GENERAL TERMS AND CONDITIONS, the following applies.

- A penalty fee is not charged upon delivery delays.
- If no delivery is made for an optional product, there is no charge.
- The Supplier is not obliged to carry out work in environments where there is a risk for personal injury, e.g. in lift shafts or when there is a risk for contact with asbestos.

In the event of any special order and delivery terms, these are described under each optional product.

### 3 Work in On-Premises Networks

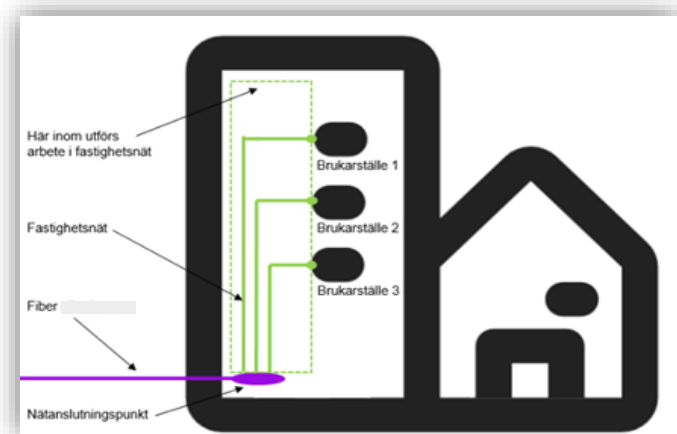
#### 3.1 Description

Work in On-Premises networks related to the Main Product of the On-Premises Network on the customer premises, from Connection Point to User Position. Connections are made in existing or new on-premises network.

The connection and installation of On-Premises Networks are made with a single fiber optic cable or a fiber optics cable pair, G.652 single mode fiber, corresponding to the simultaneously ordered Main Product.

Site visits are intended to check the scope of the work and to prepare Delivery.

Verification measurement is performed on the entire connected connection for the Main Product, including performance of the On-Premises Network. The verification measurement reports damping measurement and is submitted to the Customer in conjunction with the All-Clear Report of the Main Product.



#### 3.2 Special order and delivery terms

An Order for the Product may, in the cases specified in section 3.4, Scope, result in a tender for certain work having to be submitted. If such tender is declined, the price is invoiced according to PRICE LIST.

The Customer is responsible for the necessary permits from the property owner for access to and use of On-Premises Networks and channelization on the premises. The Customer is also responsible for ensuring that additional channelization can be carried out when necessary and that the installation performed (channelization and cable) can be transferred to the property owner on the Actual Delivery Date.

The Customer shall ensure access and unobstructed cable routing, e.g. furniture is moved and ceilings are dismantled. The Supplier shall build and carry out work in On-Premises Network according to Swedish standards and AMA EL, which ensures that the execution takes place in a professional manner and in compliance with the applicable requirements at any given time.

### 3.3 Variants

**Work in On-Premises Networks** is offered in conjunction with delivery of new or Reconnection of the Main Product.

**Reconnection Work in On-Premises Networks** is offered for the existing Main Product when the User Position is moved within a property.

### 3.4 Scope

TASKS AND CONTENT	WORK IN ON-PREMISES NETWORKS	RECONNECTION IN ON-PREMISES NETWORKS
Site visit prior to delivery date	Yes	No
Existing channelization required	No	No
Fiber routing	≤ 200 metres, > 200 metres tender	≤ 200 metres, > 200 metres tender
Supplement of channelization with installation of cable tray/plastic duct/pipe more than 5 metres	≤ 200 metres, > 200 metres tender	≤ 200 metres, > 200 metres tender
Fire sealing (most common)	Yes	Yes
Complex fire sealing (e.g., Lycab/Brattberg or Roxtec)	Tender	Tender
Wall/ceiling/floor piercing	≤ 30 cm, > 30 cm tender	≤ 30 cm, > 30 cm tender
Piercing through glass and marble	Tender	Tender
Work at heights above 3 metres when aerial work platform must be rented	Tender	Tender
Excavation and routing of channelization between buildings	Tender	Tender
Work in listed buildings, security-classified buildings and the like.	Tender	Tender
Fiber outlets	Yes	Yes

If the Customer does not accept the Supplier's tender, the fiber is terminated with Connection Cable Fiber 3 metre according to price in PRICE LIST.

## 4 Installation of customer equipment

### 4.1 Description

The Customer's equipment can be installed in conjunction with delivery of the Main Product. Installation is carried out according to the job description prepared by the Customer. Upon Reconnection from a fiber pair to single fiber, the customer equipment interface module, SFP (Small Formfactor Pluggable), may also need to be reinstalled.

Optional product Installation of customer equipment is always ordered in conjunction with Work in on-premises networks.

## 4.2 Special order and delivery terms

The Customer must provide a job description for the installation of the Customer's equipment.

The Customer must provide the equipment to be installed to the Supplier's contractor at the address specified by the Supplier no later than five (5) Working Days before the Agreed Delivery Date. The Customer is responsible for transport of customer equipment until it is received by the Supplier's contractor.

## 4.3 Variants

The customer equipment can be configured by the Supplier according to the Customer's job description or delivered configured by the Customer.

Upon Reconnection of the Main Product, a new interface module, SFP can be installed and replace existing equipment. New SFP can also be installed to replace existing SFP on the node.

## 4.4 Job description

Before ordering Installation of Customer Equipment, the Customer must provide a job description for installation of the customer equipment. The job description must be approved by the Supplier and be limited to tasks that can be performed within 90 minutes and 50 minutes respectively, where the work includes configuration or does not include configuration of the equipment.

Customer equipment shall be possible and suitable to install within the scope of the Product. The Customer must provide contact information that can be used in the event of any problems during installation.

## 4.5 Handling of customer equipment

The customer equipment is sent to the Supplier's contractor's depot according to address information from the Supplier. In cases where existing customer equipment is to be returned, a return bag shall be provided by the Customer.

In the event of faulty customer equipment, Delivery is suspended and the Customer sends new customer equipment and a return bag for the faulty customer equipment.

When Reconnection and installation a new interface module, SFP, the Customer must provide a return bag for the existing SFP.

# 5 Express delivery

## 5.1 Description

Express Delivery allows the Customer to bring forward a delivery date for the Main Product when delivery capacity is available.

The request and order can be made on different occasions or on a single occasion. For multiple Express Deliveries encompassed by the same order within the Main Product, between the same addresses and with a common delivery point in time, the total price is the same as for one (1) Express Delivery.

## 5.2 Special order and delivery terms

A prerequisite for Express Delivery is that there is an existing Order that is FB numbered.

If Express Delivery has been ordered, it is not possible to make changes to the Product to which the Express Delivery relates.

Express Delivery is a product offered if resources are available. If the Supplier cannot execute Express Delivery on the promised date, the Express Delivery fee will not be charged.

### 5.2.1 Special rules for Operator Trunk

Express Delivery of Operator Trunk involves the temporary routing of a fiber pair while the Operator Trunk is being built. Once the Operator Trunk is completed, the connection in the temporary routing is transferred to the Operator Trunk. Disconnection and transfer are carried out at the agreed time during Working Day 7:30-18:00.

Ordering of Express Delivery of Operator Trunk is conducted with query and order on a single occasion.

## 6 Work outside ordinary working hours

### 6.1 Description

Ordering of the Main Product can be supplemented with an option for work on primary customer premises to be carried out within a designated time frame, outside ordinary working hours.

Work outside ordinary working hours is offered at the following intervals:

Weekday morning 6:00-7:30;

Weekday evening 18:00-20:00;

Weekday night 20:00-06:00;

Weekend 00:00-24:00.

## 7 Special Access Requirements

### 7.1 Description

In order to meet specific security requirements for access to a customer property where the Main Product is to be delivered, Special Access Requirements are offered. The optional product refers to physical access to the premises at the customer address in order for delivery of the Main Product to be carried out. Special Access Requirements are available in four different variants with different levels of security:

- Pre-registration of visits
- Technician has undergone basic security training
- Security-tested technician
- Registry-verified technician

## 7.2 Special order and delivery terms

The product variant Registry-Verified Technician requires that the Customer has entered into security agreements with the Supplier and the Supplier's contractor for the designated assignment.

## 7.3 Variants

### 7.3.1 Pre-registration of visits

Prior to Delivery, the technician from the Supplier's contractor will provide his name and identity number according to ID-06 for contact information specified by the Customer. The technician identifies himself on site.

### 7.3.2 Technicians has undergone basic security training

The Delivery is carried out at the customer's address by a technician who has undergone basic security training covering information security and physical security. Pre-registration of visits according to section 7.3.1 included.

### 7.3.3 Security-tested technician

The Delivery is carried out at the customer address by a technician who has been subject to an in-depth interview and approved with regard to security view according to the established template in the areas of professional experience, finances, family, etc. A background check is also carried out in public registries and on the internet.

Pre-registration of visits according to section 7.3.1 and Technicians have undergone basic security protection training according to section 7.3.2 included.

### 7.3.4 Registry-verified technician

To order the Register-Verified Technician option, a security agreement between the parties involved in the Delivery must be entered into.

Security agreements must be entered into when the Supplier and/or the Supplier's contractors have access to, or impart, classified confidential information. Security agreements shall also be entered into when access is given to security-sensitive activities of corresponding importance to Sweden's national security.

## 8 Version history

Versions	Status	Date	Administered by	Comments
1.0 (Eng)		27/05/2021	ZF/HOJ	First version (based on Swedish original 1.0)