

# Reference Unbundling Offer (RUO)

Copper & Fiber

Version 30/06/2015

<b>Date</b>	<b>Status</b>
27/3/2015	Version dated 27/3/2015 before public consultation
30/06/2015	Version dated 30/06/2015 for public consultation
14/08/2015	Version dated 30/06/2015 for partial public consultation

## Schedule 10 Tariffs

This schedule presents the specific tariffs applicable to this RUO.

### 10.1. Fibre Tie cables

Item	Euro
Connection charge for RCFs with 24 fibres Area POP type B)	1.179,-
Connection charge for RCFs with 48 fibres Area POP type C)	2.358,-
Monthly charge for RCFs – per 24 fibres	3,17

### 10.2. Fibre Access Service (FA Service)

Item	Euro
Migration of an existing ORATH or ROB service to an FA (using the same fiber)	62,06
Connection charge FA connection and measurement at ODF and at customer's premises including travelling	124,13
Monthly rental for a FA service	17,75
Monthly rental for a FA sub-loop service	17,75
Monthly rental for a Back haul fibre link in the context of FA sub-loop services	Free of charge
Connection charge for a Back haul fibre link in the context of FA sub-loop services	Free of charge
Costs of a Rush order	250,-
Monthly rental per fully connected in-house optical fibre in multi-dwelling buildings installed by an Operator or POST Technologies at its own costs	Subject to Working Group's conclusions
Training course for the fibre management and installation works at the FO-NTP	300 <sup>1</sup> ,-
Negative answer to FA order* or cancellation of an order before activation	15,51
FA Hand-back charge	32.-
FA Migration	145,33

<sup>1</sup> This training strives at preparing the operator's own technicians to connect their own fiber access lines for their end-user under the prevailing RUO. The aim is for every operator to install a fiber line without the intervention of any EPT technician. The basic training consists of getting familiar with the technical constraints and guidelines, the security measures, the quality of the work to be performed, various configurations and procedures and fault detection. Complying with technical principles and following the rules is mandatory in order to maintain the integrity of the network and the quality of the service.

The training is supported by various illustration and pictures to facilitate comprehension. The broad lines that will be covered in this training are the following (not exhaustive) :

- Which types of cables to be used
- What network connector types to be used
- Pigtail cleaning
- What kinds of pigtails to use in what cases and how to use them
- Measurement of loss of signals
- Configurations of ONT's
- Different types of in-house cabling
- Illustration of different boxes in old and new buildings and how to deal with special cases
- Multi-End-User building FO-NTP configuration
- Procedures for connections with splicing
- Secure sealing with cable ties,
- Connections in POP's
- Fault localization and according to what scenario the corresponding solutions

FA Wrongful Repair Request	Actual costs based on the actual man power fees
POST Technologies manpower for special works required by the Operator - per hour	See paragraph 10.4

\*Only applicable in case POST Technologies' search engine showed clearly that the specific address is not yet served by POST Technologies' point-to-point FTTH network.

### 10.3. FTTO

Item	Euro
Connection charge FTTO - connection and measurement at ODF and at End User's premises including travelling	720,-
Monthly rental for a FTTO service	48,- per km
Training course for the fibre management and installation works at the FO-NTP	300 <sup>2</sup> ,-
Survey request	120,-
FTTO Hand-back charge	32,-
FTTO Wrongful Repair Request	Actual costs based on the actual man power fees
POST Technologies manpower for special works required by the Operator - per hour	See paragraph 10.4

### 10.4. Actual POST Technologies Manpower fee – per hour

All actual manpower fees are published on POST Technologies Website.

### 10.5. Copper tie cable

Item	Euro
Connection charge for tie cables - per 100 pairs	2.053,54
Monthly charge for tie cables per 100 pairs	3,17
POST Technologies manpower for special works required by the Operator - per hour	See paragraph 10.4

### 10.6. Metallic Path Facility (MPF)

*(SAME CHARGES FOR MPF combined with NP)*

Item	Euro
Migration of an existing RDSLO or ROB service to an MPF (using the same copper pair)	53,12

<sup>2</sup> Cf. Note 1

Survey charge for a non-active local loop including length provisioning in case of no firm order	27,59
Survey charge for an active local loop including length provisioning in case of no firm order	15,51
Connection charge MPF including survey charge - non-active local loop	106,91
Connection charge MPF including survey charge - active local loop	53,12
Costs of a Rush order	250,-
Monthly rental MPF	10,75
Monthly rental SLU	8,70
MPF Hand-back charge	19,37
Re-activation of a ceased MPF	18,24
MPF loop resistance measurement	179,29
MPF order cancelled before activation	7,84
MPF Wrongful Repair Request	183,85
POST Technologies manpower for special works required by the Operator - per hour	See paragraph 10.4

## 10.7. Duct Sharing Services (DSS)

Item	Euro
Survey request	350,84
Connection charge for a DSS	Based on the actual man power fees
Monthly rental for a DSS (30 mm inside diameter) per meter	0,49/m/month
POST Technologies manpower for special works required by the Operator - per hour	See paragraph 10.4