



Wholesale Market

Regulated Backhaul Infrastructure

Build Your Backhaul Network with
TIM Infrastructure



Regulated Backhaul Infrastructure

The service supplies the Operator in IRU 5/10/15/20 years of a mini tube on a route between cable pit 'one' of a TIM local exchange and cable pit 'one' of the higher-level exchange.

Service features

Provisioning	Equipment required by the Infrastructure Operator	Corrective maintenance
Feasibility study (100% of cases) within 20 working days. Delivery time (100% of cases) within 30 working days.	Delivery time (100% of cases) 30 days	SLA of assurance of service reporting (100% of cases) within 24 hours

Description of the Regulated Backhaul Infrastructure service

Backhaul laying infrastructure

The offer provides for the supply of a mini tube on a route between cable pit 'one' of a TIM local exchange and cable pit 'one' of the higher-level exchange. Ordinary maintenance of the system chain is included in the offer.

The service allows the requesting Operator to lay its own transmission carriers to implement NGAN backhauling networks.

Types of Backhaul Infrastructure

The service includes equipping existing Laying Infrastructures with mini tubes and the supply of a mini tube complete with laying accessories such as mini pressure joints and caps.

If the Operator is responsible for the equipment, the equipment will be provided to the Operator and a fee will be paid for the installation of each mini tube provided by TIM and installed by the Operator. To lay the mini tubes and the cable within the Operator's assigned mini tube, the Operator shall be allowed access to the Cable pits/Boxes crossed by the assigned Infrastructure. A mini tube is also supplied and assigned to the Operator in the Backhaul Laying Infrastructures *built* with mini tubes directly buried or inside Tubes/Monotubes/Three-tubes and equipped with mini tubes, prepared by TIM also for the development of the NGAN network.

The Operator is allowed to access the Cable pits/Boxes traversed by the assigned Infrastructure.



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Regulatory conditions

The service is for:

- Operators with an individual license or a general authorisation for telecommunications networks and services for public use which existed before the entry into force of Italian Legislative Decree no. 259 of 1 August 2003, containing the 'Electronic Communications Code' (referred to in Article 38 of the Code), as last amended by Italian Legislative Decree no. 70 of 28 May 2012.
- Companies with a general authorisation for electronic communications networks and services pursuant to Art. 25 of Italian Legislative Decree no. 259 of 1 August 2003, as last amended by Italian Legislative Decree no. 70 of 28 May 2012.

The Offer relating to the Laying and Backhaul infrastructure service is 'regulated', meaning it is subject to approval in all its aspects by the Italian Communications Regulator (AGCom) and is updated every year and published on this website in the Reference Offers section of this service.

Prices

The price for TIM's Backhaul Laying Infrastructure Access service consists of various components, which remunerate the individual activities and services:

- an IRU amount at 5, 10, 15 or 20 years for each metre of mini tube sold on an Infrastructure Section
- contribution to the Feasibility Study (FS);
- contribution to map updating;
- contribution for sale in IRU.

dal 01/01 al 31/12/2019				
IRU	IRU	IRU	IRU	Contributo
5 anni	10 anni	15 anni	20 anni	(Euro)
(Euro/m)	(Euro/m)	(Euro/m)	(Euro/m)	
1 Minitubo su Infrastruttura di Posa di Backhaul	3,39	5,63	7,11	8,09
Aggiornamento cartografia				
(per ogni Area di Centrale interessata dal collegamento oggetto di assegnazione)				413,79

dal 01/01 al 31/12/2020				
IRU	IRU	IRU	IRU	Contributo
5 anni	10 anni	15 anni	20 anni	(Euro)
(Euro/m)	(Euro/m)	(Euro/m)	(Euro/m)	
1 Minitubo su Infrastruttura di Posa di Backhaul	3,39	5,63	7,11	8,09
Aggiornamento cartografia				
(per ogni Area di Centrale interessata dal collegamento oggetto di assegnazione)				405,51

Table 1: Economic conditions for the Backhaul Infrastructure Access service



Regulated Backhaul Infrastructure

	dal 01/01 al 31/12/2019	dal 01/01 al 31/12/2020
	Contributo (Euro/m)	Contributo (Euro/m)
Contributo di Telecom Italia verso l'Operatore per ogni Minitubo fornito da Telecom Italia e installato dall'Operatore	0,28	0,27

Table 2: Economic conditions for the service of Access to Backhaul Laying Infrastructures to be equipped with mini tubes - contributions from Telecom Italia to the Operator





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TIM SPA

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Tax Code/VAT no. and Milan Company Register no.: 00488410010
Entry in the Register of Producers of Electrical and Electronic
Equipment (AEE) IT080200000799
Share Capital €11,677,002,855.10 fully paid-up