# The Hashemite Kingdom of Jordan

# TELECOMMUNICATIONS REGULATORY COMMISSION



# REGULATORY DECISION ON CHARGES FOR FIXED INTERCONNECTION SERVICES BASED ON TSLRIC+ MODELS

Board of Commissioners Decision No.19-13/2023 issued on 27/12/2023

#### 1 Introduction

Since 2005, the Telecommunications Regulatory Commission (hereinafter, 'TRC') has shown its motivations to adopt a "*Total Service Long-Run Incremental Cost Plus*" (hereinafter, 'TSLRIC+') as the preferred mechanism for wholesale price setting in the Kingdom.

In September 2009, TRC published its "Regulatory decision on the principles to be used in the construction of TSLRIC+ models for the costs of interconnection Services", which was later followed by the submission of the Hybrid TSLRIC+ models and the publication by TRC in 2011 of the regulatory decisions including its regulated wholesale charges for fixed and mobile interconnections services.

TRC has updated the Hybrid TSLRIC+ models and the applicable charges with new wholesale prices in 2017 and published the regulated wholesale charges in the two decisions presented below:

- Regulatory decision on charges for fixed interconnection services based on TSLRIC+ models
- Regulatory decision on charges for mobile interconnection services based on TSLRIC+ models

Having reached the end of the period reflected in the previous regulatory decisions (2021), TRC decided in 2022 to start a new wholesale price process to update the applicable charges. The industry was informed in late 2022 of the initiation of this process and was welcomed to participate throughout the process at different stages such as:

- Data gathering process
- Review and disclose the Hybrid TSLRIC+ Models with relevant operators

As part of this process, TRC has updated its Hybrid TSLRIC+ models on the grounds of the methodology that was established in September 2009 to recognise the latest technological developments that have taken place in the market (e.g. introduction of 5G networks, gradual phasing out of 2G technology, massive take-up of FTTH services, growth in fixed and mobile data traffic).

Based on the modelling methodology that was laid out in the Decision, TRC received data from the Jordan Telecommunications Company ("Orange Fixed"). TRC carried out an extensive engagement with Orange Fixed, being given the opportunity to comment on its own cost model and on the efficient operator variants. These models were accompanied by manuals that described their technical algorithms as well as their overall rationale. In finalising the models and using them to establish interconnection charges, TRC has carefully considered all of the comments and notes received from Orange Fixed in the construction of the TSLRIC+ models during the abovementioned stages. All these comments and the related actions taken by TRC are reflected in the Explanatory Memorandum enclosed to this Decision.

<sup>&</sup>lt;sup>1</sup> Telecommunications Regulatory Commission "Regulatory decision on the principles to be used in the construction of TSLRIC+ models for the costs of interconnection Services", Board of Commissioners Decision No (17-5/2009) issued on 27 September 2009, amended on 18 November 2009.

This Regulatory Decision is issued pursuant to the Telecommunications Law, which empowers TRC to regulate interconnection and the relevant rates and charges, as well as to the latest Market Review Decision<sup>2</sup>, Interconnection Instructions<sup>3</sup> and TSLRIC+ models' principles<sup>4</sup>.

# 2 The TSLRIC+ Models and Implementation

TRC has followed the TSLRIC+ modelling methodology described in the Decision 17-5/2009. This is a "hybrid" methodology meaning that the models were created through a process of reconciliation and calibration of bottom-up models with operators' internal data.

The TSLRIC+ models have been constructed using the principles set out in the Decision. At each stage, TRC has worked closely with the industry in constructing the models. In order to maintain commercial confidentiality, the models have not been released to any operator except Orange Fixed.

The initial models have been amended by TRC in light of the comments received. This Decision is based on the fixed efficient-operator model.

A version of the fixed efficient-operator model redacted to modify any confidential data is published by TRC along with this Decision.

<sup>&</sup>lt;sup>2</sup> Telecommunications Regulatory Commission, "Regulatory Decision on the Fixed Markets Review", 30 September 2020 (TRC Board Decision No. 14-12/2020).

<sup>&</sup>lt;sup>3</sup> Telecommunications Regulatory Commission, "Interconnection Instructions", 5 January 2005 (TRC Board Decision No. 2-1/2005) and its amendments issued on 15 June 2010 (TRC Board Decision No. 18-11/2010).

<sup>&</sup>lt;sup>4</sup> Telecommunications Regulatory Commission "Regulatory decision on the principles to be used in the construction of TSLRIC+ models for the costs of interconnection Services", Board of Commissioners Decision No (17-5/2009) issued on 27 September 2009, amended on 18 November 2009.

# 3 Interconnection charges

Interconnection charges for the following services provided by fixed operators are determined by TRC in this Decision:

- National Call Termination
- National Call Transit
- International Call Transit
- Emergency Service
- National Directory Enquiries
- Operator Assistance Service
- Interconnect Link service port
- Interconnect Link Extension port
- Billing and Collection Service
- International access service
- International IP capacity
- Collocation and Infrastructure Sharing Service (excluding Duct and Dark Fiber sharing)
- Supporting services per site
- Duct and Dark Fibre sharing
- Dial-Up IP Traffic Collection
- Broadband IP Traffic Collection
- Permanent Data Traffic Collection
- ADSL/VDSL local Bitstream services
- ADSL/VDSL regional Bitstream services
- ADSL/VDSL national IPstream services
- ADSL/VDSL local Naked Bitstream services
- ADSL/VDSL regional Naked Bitstream services
- ADSL/VDSL national Naked IPstream services
- Local Loop Unbundled Service
- Tie Cable to connect MDF and HDF
- Wood Poles

The full set of interconnection charges for fixed services determined by TRC in this Decision is shown in Annex A.

The Interconnection charges set out in this Decision shall apply from 1<sup>st</sup> January 2024 till 31 December 2027, after 3 years, if necessary, TRC intends to undertake a review of the TSLRIC+ models and, if deemed convenient, will work with the industry to update the TSLRIC+ models. In general, TRC will monitor market conditions and, if justified, may update the forecasts and key assumptions in the TSLRIC+ models.

# 4 Implementation of LRIC-based Interconnection Charges

TRC Decision 17-5/2009 established the guidelines on how the TSLRIC+ models would be used by TRC to set charges for regulated interconnection services. These guidelines were not exhaustive and left open the possibility that TRC may consider other factors that are relevant at the time of each Regulatory Decision.

The approach adopted by TRC when setting the new regulated charges is described below:

- 1. When the new charges were considered to be close to the previous ones and/or the regulated services under consideration were not material under the current market situation, a fixed charge has been set for the 2024-2027 period, which is extracted as the average of the efficient operator model's results for the relevant period.
- 2. When the new charges were considered not to be close to the previous ones and the regulated services under consideration were material under the current market situation, a glide path has been defined so as to smooth the impact on the market of this Decision.

# **Annex A- Interconnection charges for fixed services**

The tables below set out the charges for all fixed interconnection services determined by this Decision.

#### **National Call Termination**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	2.9	2.8	2.7	2.6

#### **National Call Transit**

		Rate Unit	2024	2025	2026	2027
Charging Level	Transit	Fils/min	2.2	2.2	2.2	2.2

#### **International Call Transit**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	2.4	2.4	2.4	2.4

#### **Emergency Service**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	1.2	1.2	1.2	1.2

#### **National Directory Enquiries**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	54.8	54.8	54.8	54.8

#### **Operator Assistance (including Call Connection Services)**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	54.8	54.8	54.8	54.8

#### **Interconnect Link Service port**

Category	Charge	Rate Unit	2024	2025	2026	2027
Installation Charges	2 Mbps port installation	JD	8.1	8.1	8.1	8.1
Rental charges	2Mbps port rental charge per month	JD/month	2.7	2.7	2.7	2.7
Installation Charges	Fast Ethernet port installation	JD	8.1	8.1	8.1	8.1
Rental Charges	Fast Ethernet port rental charge per month	JD/month	7.5	7.5	7.5	7.5

Category	Charge	Rate Unit	2024	2025	2026	2027
Installation Charges	Gigabit Ethernet port installation	JD	8.1	8.1	8.1	8.1
Rental Charges	Gigabit Ethernet port rental charge per month	JD/month	8.8	8.8	8.8	8.8
Installation Charges	10 Giga Ethernet port installation	JD	8.1	8.1	8.1	8.1
Rental Charges	10 Giga Ethernet port rental charge per month	JD/month	15.3	15.3	15.3	15.3

**Interconnect Link Extension port** 

port					
	Rate Unit	2024	2025	2026	2027
2 Mbps port installation	JD	8.1	8.1	8.1	8.1
2 Mbps exchange port rental charge per month/port	JD/port/month	2.7	2.7	2.7	2.7
Fast Ethernet port installation	JD	8.1	8.1	8.1	8.1
Fast Ethernet exchange port rental charge per month/port	JD/port/month	7.5	7.5	7.5	7.5
Gigabit Ethernet port installation	JD	8.1	8.1	8.1	8.1
Gigabit Ethernet exchange port rental charge per month/port	JD/port/month	8.8	8.8	8.8	8.8
10 Giga Ethernet port installation	JD	8.1	8.1	8.1	8.1
10 Giga Ethernet exchange port rental charge per month/port	JD/port/month	15.3	15.3	15.3	15.3

## **Billing and Collection Service**

		Rate Unit	2024	2025	2026	2027
Billing and Collection	Billing and Collection Service	JD/bill	1.0	1.0	1.0	1.0

#### **International Access Service**

		Rate Unit	2024	2025	2026	2027
Charging Level	Blended	Fils/min	2.6	2.6	2.6	2.6

#### **International IP Capacity**

		Rate Unit	2024	2025	2026	2027
Set up charge		JD	410.8	410.8	410.8	410.8
Rental charge	Capacity rental charge per Mbps per month	JD/Mbps/month	1.7	1.7	1.7	1.7

# Collocation and infrastructure sharing service (excluding Duct and Dark Fiber sharing)

Ī	Governorate	Item	Unit	Rate Unit	2024	2025	2026	2027
	Amman	19-inch rack space in shared supplied	RU1	JD/unit/month	9.2	9.2	9.2	9.2
		cabinet (standard 60x90x200)						

Governorate	Item	Unit	Rate Unit	2024	2025	2026	2027
		Reservation		9.2	9.2	9.2	9.2
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	239.4	239.4	239.4	239.4
		Reservation		239.4	239.4	239.4	239.4
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	139.3	139.3	139.3	139.3
		Reservation		139.3	139.3	139.3	139.3
Irbid	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.7	5.7	5.7	5.7
		Reservation		5.7	5.7	5.7	5.7
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	149.5	149.5	149.5	149.5
		Reservation		149.5	149.5	149.5	149.5
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	87.0	87.0	87.0	87.0
		Reservation		87.0	87.0	87.0	87.0
Ajloun	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.6	5.6	5.6	5.6
		Reservation		5.6	5.6	5.6	5.6
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	146.3	146.3	146.3	146.3
		Reservation		146.3	146.3	146.3	146.3
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	85.1	85.1	85.1	85.1
		Reservation		85.1	85.1	85.1	85.1
Jerash	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	6.2	6.2	6.2	6.2
		Reservation		6.2	6.2	6.2	6.2
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	162.5	162.5	162.5	162.5
		Reservation		162.5	162.5	162.5	162.5
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	94.5	94.5	94.5	94.5
		Reservation		94.5	94.5	94.5	94.5

Governorate	Item	Unit	Rate Unit	2024	2025	2026	2027
Mafraq	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.6	5.6	5.6	5.6
		Reservation		5.6	5.6	5.6	5.6
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	146.3	146.3	146.3	146.3
		Reservation		146.3	146.3	146.3	146.3
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	85.1	85.1	85.1	85.1
		Reservation		85.1	85.1	85.1	85.1
Balqa	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	6.7	6.7	6.7	6.7
		Reservation		6.7	6.7	6.7	6.7
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	173.5	173.5	173.5	173.5
		Reservation		173.5	173.5	173.5	173.5
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	100.9	100.9	100.9	100.9
		Reservation		100.9	100.9	100.9	100.9
Azarqah	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	6.4	6.4	6.4	6.4
		Reservation		6.4	6.4	6.4	6.4
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	166.5	166.5	166.5	166.5
		Reservation		166.5	166.5	166.5	166.5
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	96.9	96.9	96.9	96.9
		Reservation		96.9	96.9	96.9	96.9
Madaba	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	6.1	6.1	6.1	6.1
		Reservation		6.1	6.1	6.1	6.1
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	157.8	157.8	157.8	157.8
		Reservation		157.8	157.8	157.8	157.8

Governorate	Item	Unit	Rate Unit	2024	2025	2026	2027
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	91.8	91.8	91.8	91.8
		Reservation		91.8	91.8	91.8	91.8
Karak	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.6	5.6	5.6	5.6
		Reservation		5.6	5.6	5.6	5.6
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	146.3	146.3	146.3	146.3
		Reservation		146.3	146.3	146.3	146.3
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	85.1	85.1	85.1	85.1
		Reservation		85.1	85.1	85.1	85.1
Tafileh	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.6	5.6	5.6	5.6
		Reservation		5.6	5.6	5.6	5.6
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	146.3	146.3	146.3	146.3
		Reservation		146.3	146.3	146.3	146.3
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	85.1	85.1	85.1	85.1
		Reservation		85.1	85.1	85.1	85.1
Ma'an	19-inch rack space in shared supplied cabinet (standard 60x90x200)	RU1	JD/unit/month	5.6	5.6	5.6	5.6
		Reservation		5.6	5.6	5.6	5.6
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	146.3	146.3	146.3	146.3
		Reservation		146.3	146.3	146.3	146.3
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	85.1	85.1	85.1	85.1
		Reservation		85.1	85.1	85.1	85.1

Governorate	Item	Unit	Rate Unit	2024	2025	2026	2027
Aqaba	19-inch rack space in shared supplied	RU1	JD/unit/month	7.4	7.4	7.4	7.4
	cabinet (standard 60x90x200)	D		7.4	7.4	7.4	7.4
		Reservation		7.4	7.4	7.4	7.4
	Cabinet space for standard 60x90x200 cabinet in shared room	Cabinet space	JD/unit/month	192.6	192.6	192.6	192.6
		Reservation		192.6	192.6	192.6	192.6
	Secure room for exclusive use of the Licensee	Sqm	JD/unit/month	112.1	112.1	112.1	112.1
		Reservation		112.1	112.1	112.1	112.1

**Supporting services per site:** 

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Additional facilities	Unit	Rate Unit	2024	2025	2026	2027
Power supply	1 Amp [<2000 Kwh/month]	JD/unit/month	41.9	41.9	41.9	41.9
Power supply	1 Amp [>2000 Kwh/month]	JD/unit/month	9.1	9.1	9.1	9.1
Cabinet rental (standard 60x90x200)	Cabinet	JD/unit/month	36.4	36.4	36.4	36.4
Intra-building Link	per link up to 100 metre	JD/unit/month	0.01	0.01	0.01	0.01

## **Duct and Dark Fibre sharing:**

	Rate Unit	2024	2025	2026	2027
Installation (per meter)	JD/m	0.72	0.72	0.72	0.72
1 pair of dark fibre monthly rental / 1 metre	JD/m/month	0.39	0.39	0.39	0.39
Duct monthly rental / 1 metre	JD/m/month	0.25	0.25	0.25	0.25

Dial-Up IP Traffic Collection

		Rate Unit	2024	2025	2026	2027
Rental charge	Port rental charge per month	JD/month	0.02	0.02	0.02	0.02

## **Broadband IP Traffic Collection**

	Rate Unit	2024	2025	2026	2027
Monthly charges per Mbps	JD/month	0.65	0.65	0.65	0.65

#### **Permanent Data Traffic Collection**

		Speed (kbps)	Rate Unit	2024	2025	2026	2027
Monthly rental charges	Port rental monthly charges/speed	64	JD/month	0.02	0.02	0.02	0.02
		128	JD/month	0.03	0.03	0.03	0.03
		256	JD/month	0.06	0.06	0.06	0.06
		512	JD/month	0.12	0.12	0.12	0.12
		1024	JD/month	0.24	0.24	0.24	0.24
		2048	JD/month	0.47	0.47	0.47	0.47

#### ADSL/VDSL local Bitstream services

		Speed	Rate Unit	2024	2025	2026	2027
Installation charge			JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL Bitstream (local), without modem		JD/month	0.31	0.31	0.31	0.31
	ADSL Bitstream (local), with modem		JD/month	1.06	1.06	1.06	1.06
	VDSL Bitstream (local), with modem		JD/month	2.23	2.23	2.23	2.23

ADSL/VDSL regional Bitstream services

		Speed	Rate Unit	2024	2025	2026	2027
Installation charge			JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL Bitstream (regional),	128 kb/s	JD/month	0.31	0.31	0.31	0.31
	without modem	256 kb/s	JD/month	0.32	0.32	0.32	0.32
		512 kb/s	JD/month	0.32	0.32	0.32	0.32
		1 Mb/s	JD/month	0.34	0.34	0.34	0.34
		2 Mb/s	JD/month	0.36	0.36	0.36	0.36
		4 Mb/s	JD/month	0.41	0.41	0.41	0.41
		6 Mb/s	JD/month	0.46	0.46	0.46	0.46
		8 Mb/s	JD/month	0.51	0.51	0.51	0.51
		16 Mb/s	JD/month	0.71	0.71	0.71	0.71
		24 Mb/s	JD/month	0.91	0.91	0.91	0.91
		40 Mb/s	JD/month	1.31	1.31	1.31	1.31
		80 Mb/s	JD/month	2.31	2.31	2.31	2.31
	ADSL/VDSL Bitstream (regional), with	128 kb/s	JD/month	1.06	1.06	1.06	1.06
	modem	256 kb/s	JD/month	1.06	1.06	1.06	1.06
		512 kb/s	JD/month	1.07	1.07	1.07	1.07
		1 Mb/s	JD/month	1.08	1.08	1.08	1.08

Speed	Rate Unit	2024	2025	2026	2027
2 Mb/s	JD/month	1.10	1.10	1.10	1.10
4 Mb/s	JD/month	1.15	1.15	1.15	1.15
6 Mb/s	JD/month	1.20	1.20	1.20	1.20
8 Mb/s	JD/month	1.25	1.25	1.25	1.25
16 Mb/s	JD/month	1.45	1.45	1.45	1.45
24 Mb/s	JD/month	1.65	1.65	1.65	1.65
40 Mb/s	JD/month	3.23	3.23	3.23	3.23
80 Mb/s	JD/month	4.23	4.23	4.23	4.23

## ADSL/VDSL national IPstream services

		Speed	Rate Unit	2024	2025	2026	2027
Installation charge			JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL IPstream (national),	128 kb/s	JD/month	0.32	0.32	0.32	0.32
	without modem	256 kb/s	JD/month	0.32	0.32	0.32	0.32
		512 kb/s	JD/month	0.33	0.33	0.33	0.33
		1 Mb/s	JD/month	0.34	0.34	0.34	0.34
		2 Mb/s	JD/month	0.37	0.37	0.37	0.37
		4 Mb/s	JD/month	0.43	0.43	0.43	0.43
		6 Mb/s	JD/month	0.49	0.49	0.49	0.49
		8 Mb/s	JD/month	0.55	0.55	0.55	0.55
		16 Mb/s	JD/month	0.78	0.78	0.78	0.78
		24 Mb/s	JD/month	1.02	1.02	1.02	1.02
		40 Mb/s	JD/month	1.49	1.49	1.49	1.49
		80 Mb/s	JD/month	2.67	2.67	2.67	2.67

	Speed	Rate Unit	2024	2025	2026	2027
ADSL/VDSL IPstream (national), with	128 kb/s	JD/month	1.06	1.06	1.06	1.06
modem	256 kb/s	JD/month	1.06	1.06	1.06	1.06
	512 kb/s	JD/month	1.07	1.07	1.07	1.07
	1 <b>M</b> b/s	JD/month	1.08	1.08	1.08	1.08
	2 Mb/s	JD/month	1.11	1.11	1.11	1.11
	4 Mb/s	JD/month	1.17	1.17	1.17	1.17
	6 Mb/s	JD/month	1.23	1.23	1.23	1.23
	8 Mb/s	JD/month	1.29	1.29	1.29	1.29
	16 Mb/s	JD/month	1.52	1.52	1.52	1.52
	24 Mb/s	JD/month	1.76	1.76	1.76	1.76
	40 Mb/s	JD/month	3.40	3.40	3.40	3.40
	80 Mb/s	JD/month	4.58	4.58	4.58	4.58

#### ADSL/VDSL local Naked Bitstream services

	Speed	Rate Unit	2024	2025	2026	2027
Installation charge		JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL Naked Bitstream (local), without modem	JD/month	5.63	5.63	5.63	5.63
	ADSL Naked Bitstream (local), with modem	JD/month	6.37	6.37	6.37	6.37
	VDSL Naked Bitstream (local), with modem	JD/month	7.54	7.54	7.54	7.54

# ADSL/VDSL regional Naked Bitstream services

		Speed	Rate Unit	2024	2025	2026	2027
Installation charge			JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL Naked Bitstream	128 kb/s	JD/month	5.63	5.63	5.63	5.63
	(regional), without modem	256 kb/s	JD/month	5.63	5.63	5.63	5.63
		512 kb/s	JD/month	5.64	5.64	5.64	5.64
		1 Mb/s	JD/month	5.65	5.65	5.65	5.65
		2 Mb/s	JD/month	5.67	5.67	5.67	5.67
		4 Mb/s	JD/month	5.72	5.72	5.72	5.72
		6 Mb/s	JD/month	5.77	5.77	5.77	5.77
		8 Mb/s	JD/month	5.82	5.82	5.82	5.82
		16 Mb/s	JD/month	6.02	6.02	6.02	6.02
		24 Mb/s	JD/month	6.22	6.22	6.22	6.22
		40 Mb/s	JD/month	6.62	6.62	6.62	6.62

	Speed	Rate Unit	2024	2025	2026	2027
	80 Mb/s	JD/month	7.62	7.62	7.62	7.62
ADSL/VDSL Naked Bitstream	128 kb/s	JD/month	6.37	6.37	6.37	6.37
(regional), with modem	256 kb/s	JD/month	6.37	6.37	6.37	6.37
	512 kb/s	JD/month	6.38	6.38	6.38	6.38
	1 Mb/s	JD/month	6.39	6.39	6.39	6.39
	2 Mb/s	JD/month	6.41	6.41	6.41	6.41
	4 Mb/s	JD/month	6.46	6.46	6.46	6.46
	6 Mb/s	JD/month	6.51	6.51	6.51	6.51
	8 Mb/s	JD/month	6.56	6.56	6.56	6.56
	16 Mb/s	JD/month	6.76	6.76	6.76	6.76
	24 Mb/s	JD/month	6.97	6.97	6.97	6.97
	40 Mb/s	JD/month	8.54	8.54	8.54	8.54
	80 Mb/s	JD/month	9.54	9.54	9.54	9.54

#### ADSL/VDSL national Naked IPstream services

		Speed	Rate Unit	2024	2025	2026	2027
Installation charge			JD	58.4	58.4	58.4	58.4
Monthly rental charges	ADSL/VDSL Naked IPstream	128 kb/s	JD/month	5.63	5.63	5.63	5.63
	(national), without modem	256 kb/s	JD/month	5.63	5.63	5.63	5.63
		512 kb/s	JD/month	5.64	5.64	5.64	5.64
		1 Mb/s	JD/month	5.65	5.65	5.65	5.65
		2 Mb/s	JD/month	5.68	5.68	5.68	5.68
		4 Mb/s	JD/month	5.74	5.74	5.74	5.74
		6 Mb/s	JD/month	5.80	5.80	5.80	5.80
		8 Mb/s	JD/month	5.86	5.86	5.86	5.86
		16 Mb/s	JD/month	6.09	6.09	6.09	6.09
		24 Mb/s	JD/month	6.33	6.33	6.33	6.33
		40 Mb/s	JD/month	6.80	6.80	6.80	6.80
		80 Mb/s	JD/month	7.98	7.98	7.98	7.98
	ADSL/VDSL Naked IPstream	128 kb/s	JD/month	6.37	6.37	6.37	6.37
	(national), with modem	256 kb/s	JD/month	6.37	6.37	6.37	6.37
		512 kb/s	JD/month	6.38	6.38	6.38	6.38
		1 Mb/s	JD/month	6.39	6.39	6.39	6.39
		2 Mb/s	JD/month	6.42	6.42	6.42	6.42

Speed		Rate Unit	2024	2025	2026	2027
	4 Mb/s	JD/month	6.48	6.48	6.48	6.48
	6 Mb/s	JD/month	6.54	6.54	6.54	6.54
	8 Mb/s	JD/month	6.60	6.60	6.60	6.60
	16 Mb/s	JD/month	6.84	6.84	6.84	6.84
	24 Mb/s	JD/month	7.07	7.07	7.07	7.07
	40 Mb/s	JD/month	8.71	8.71	8.71	8.71
	80 Mb/s	JD/month	9.89	9.89	9.89	9.89

# **Local Loop Unbundled Service**

		Rate Unit	2024	2025	2026	2027
Installation charge	Full Local Loop Unbundled Service	JD	60.7	60.7	60.7	60.7
Installation charge	Shared Local Loop Unbundled Service	JD	60.7	60.7	60.7	60.7
Rental charge	Full Local Loop Unbundled Service	JD/month	5.3	5.3	5.3	5.3
Rental charge	Shared Loop Unbundled Service	JD/month	1.1	1.1	1.1	1.1

#### Tie cable to connect MDF and HDF

		Rate Unit	2024	2025	2026	2027
Installation charge	Per meter (100 pairs)	JD	19.1	19.1	19.1	19.1
Rental charge	Per meter (100 pairs)	JD/month	4.4	4.4	4.4	4.4

# Wood poles sharing

		Rate Unit	2024	2025	2026	2027
Rental charge	Per pole	JD/month	1.4	1.4	1.4	1.4