

	Compania Națională de Căi Ferate "CFR" SA	<b>CFR Network Statement</b>	December 7, 2018 Version 8.0
Country: Romania		<b>Annex 23 e</b>	Page: 1

## Charges for telecommunications ancillary services

The charges (Article 6.4.3. of the NS) shall be set out by SC "Telecomunicații" S.A.

They shall represent the value at which the telecommunications services supplied are traded between the supplier and the beneficiary.

The method set down for the calculation of the charges shall consist in preparing the expense estimate as the economic documentation for determining the total estimated amount of the associated expenses.

For the preparation of the estimate for each service, there shall be taken into account the expenses related to the supply of the services based on the service supplied.

The value of the estimate shall be determined as the amount of the following chapters of expenses:

- The direct expenses per category of expenses comprising:
  - cu\* (cost unit) for each category of expenses in part;
  - manpower;
- Total direct expenses;
- Indirect expenses;
- Total expenses;
- Profit.

\* Depending on the type and categories of expenses related to the supply of the services, there has been determined the price for a cost unit (cu) in respect of each category of expenses in part. A certain type of expense (e.g., spare parts for the analogue network) was divided by the number of the services implying that expense, thus practically obtaining the value of the cost unit for that type of expense, which was applied to all the services implying it.



The charges levied by Societatea Telecomunicații CFR are:

No.	Telecommunications Services	Measuring unit	Unit price (RON, VAT excluded)
<b>A. RAILWAY TELECOMMUNICATIONS SERVICES FOR TRAFFIC SAFETY, SHUNTING, OPERATION, SYNCHRONOUS TRANSPORT, DATA TRANSPORT AND INTERNET ACCESS</b>			
1	Access to the railway communications network through phone line	pc.	34.10
2	EASY Service Package	pc.	6.80
3	PREMIUM Service Package	pc.	8.60
4	ADVANCED Service Package	pc.	11.30
5	Camp on Control	pc.	1.40
6	Supervision Set	pc.	1.40
7	Trunk Supervision	pc.	6.70
8	Boss-Secretary	pc.	8.20
9	Access to the railway communications network through analog trunk	pc.	166.00
10	BRA access to the railway communications network	pc.	32.00
11	Access to the railway communications network through digital E1 trunk	pc.	196.00
12	Party-Line (omnibus) communications access point	pc.	58.50
13	Communications access point with selective operation call	pc.	142.50
14	Communications access point with selective traffic safety call	pc.	198.00
15	IB operation communications access point	pc.	20.40
16	IB traffic safety communications access point	pc.	75.80



No.	Telecommunications Services	Measuring unit	Unit price (RON, VAT excluded)
17	LB operation communications access point	pc.	38.50
18	LB traffic safety communications access point	pc.	102.50
19	Dial-up phone	pc.	0.80
20	Analogic phone with keyboard	pc.	1.20
21	Digital phone	pc.	2.80
22	Telefax	pc.	36.10
23	Traffic safety circuit (km)	km	15.50
24	Terminus point of the traffic safety circuit	pc.	18.20
25	TC circuit (km)	km	10.80
26	Terminus point of the TC circuit	pc.	12.20
27	International telex access point	pc.	159.00
28	64 Kbps transport circuit (distance: 0 - 30 km)	pc.	104.00
29	64 kbps transport circuit (distance > 30 km)	pc.	208.00
30	E1 transport circuit (distance 0 - 30 km)	pc.	212.00
31	E1 transport circuit (distance > 30 km)	pc.	279.00
32	E3 transport circuit	pc.	2,925.00
33	STM 1 transport circuit	pc.	4,900.00
34	100 Mbps Ethernet circuit (distance 0 - 30 km)	pc.	450.00
35	100 Mbps Ethernet circuit (distance > 30 km)	pc.	990.00



No.	Telecommunications Services	Measuring unit	Unit price (RON, VAT excluded)
36	1 Gbps Ethernet circuit (distance: 0 - 30 km)	pc.	1,215.00
37	1 Gbps Ethernet circuit (distance > 30 km)	pc.	1,823.00
38	Internet HotSpot- "WI-FI" (2 x 20 Mbps)	pc.	450.00
39	Railway teleconference access point	pc.	43.60
40	Railway teleconference minute	pc.	0.14
41	Sound line for informing the passengers (50 W)	pc.	83.50
42	Sound line for train shunting (50 W)	pc.	112.20
43	Electric clock	pc.	9.00
44	Electronic clock	pc.	6.10
45	Screen display line	pc.	52.90
46	Access point for TV line with closed circuit	pc.	127.10
47	Intercommunication station	pc.	30.90
48	Speech column line in CTMF	pc.	117.30
49	Control compass	pc.	27.80
<b>B. SERVICES OF THE RADIOTELEPHONE STATIONS OWNED BY "Telecomunicații CFR" SA</b>			
50	Fixed radiotelephone	pc.	52.00
51	Mobile radiotelephone	pc.	52.00
52	Portable radiotelephone	pc.	42.00
<b>C. SERVICES OF THE RADIOTELEPHONE STATIONS OWNED BY THE BENEFICIARY</b>			
53	Fixed radiotelephone maintenance with management of the frequency range	pc.	45.00
54	Mobile radiotelephone maintenance with management of the frequency range	pc.	45.00
55	Portable radiotelephone maintenance with management of the frequency range	pc.	43.00