

SCHEDULE 11 – CHARGES

1. General

- 1.1 The Parties agree to pay the following Charges where applicable in accordance with clauses **5 and 6** of the main body of this Interconnection Agreement, and the billing and settlement requirements set out in **Schedule 12**.

2. Interconnection Structure and Responsibility for Traffic Forecast

- 2.1 PTCL shall provide DIUs to the Operator free of cost. DIUs, signaling links, code creation and other software changes, local lead and allied equipment required for interconnection shall be provided by each of the Parties at its end of the interconnection points at the sole cost and expense of each Party.
- 2.2 The responsibilities for Traffic Types are set out in **Table 1** below. The responsibilities include provision of Traffic Forecasts, provision of Capacity Profiles.

Table 1: Responsibility for Traffic Forecast

TRAFFIC TYPE	Responsibilities
Calls to Geographic Telephone Numbers: PTCL to Operator (Termination of PTCL originated Calls) Operator to PTCL (Termination of Operator originated Calls)	PTCL Operator
International Calls: PTCL to Operator (International incoming) Operator to PTCL (to overseas destination)	PTCL Operator
Transit Calls : Operator to PTCL to other OLOs OLOs to PTCL to Operator	Operator OLOs
Free phone and Calling cards (for termination on PTCL network): Operator to PTCL	PTCL
Emergency Calls: Operator to PTCL	Operator

3. Charges for Call Origination, Termination and Transit

- 3.1 The charges shall be based on circuit utilization from the time the called party answers until the time the calling or called party clears, which ever is sooner. Only successful Calls are chargeable. The charges shall be accounted in per sec blocks. The payment flow shall be in accordance with the **Table 2** below:

Table 2: Payment Flow

Call type	Service	Payment Flow
PTCL [Local, NWD, IDD] to Mobile	Termination	PTCL to CMO.
LLO, LDI, SCO, NTC to Mobile. [Through PTCL Network]	Transit.	LLO, LDI, SCO, NTC to PTCL. PTCL to CMO.
Mobile to LLO, LDI, SCO, NTC [Through PTCL Network]	Transit.	CMO to PTCL. PTCL to LLO, LDI, SCO, NTC.
Mobile to PTCL [Local, NWD, IDD].	Termination	CMO to PTCL.
PTCL Free phone	Origination	No charge from CMO to PTCL or PTCL to CMO.[any air time charge to its customers is CMO discretion]
PTCL Calling Cards [for Mobile to PTCL]	Termination	No charge from CMO to PTCL or PTCL to CMO.[any air time charge to its customers is CMO discretion]

3.2 Call Termination Charges:

3.2.1 For Calls terminated on PTCL Network from the Operator's Network, charges given in **Table 3** shall be applicable:

Table 3: PTCL's Call Termination Charges

	Till 31 st May 2009	From 1st June 2009 onwards
Call Type	Rs/minute	Rs/minute
Metropolitan	0.60	0.65
National 25-80km	0.82	0.82
National >80km	1.20	1.20

3.2.2 For Calls terminated on Operator's Network from the PTCL's Network, charges given in **Table 4** shall be applicable:

Table 4: Operator's Call Termination Charges

	Till 31 st Dec 2008	From 1 st Jan 2009 to 31 st Dec 2009	From 1 st Jan 2010 onwards
Call Type	Rs/minute	Rs/minute	
Domestic [Local and NWD]	1.10	1.00	0.90
International Incoming	1.10	1.00	0.90

3.3 Call Transit Charges:

- 3.3.1 For calls originating from the Operator and terminating on Third Party Network or vice versa through PTCL Network, PTCL will receive transit charges as per **Table 5** below from the originating operator.

Table 5: PTCL's Call Transit Charges

Call Type	Rs/minute.
Metropolitan	0.12
National 25-80km	0.30
National > 80km	0.55

- 3.4 The charges for international outgoing Calls originating from the Operator Network to PTCL Network shall be mutually agreed by the Parties.

4. Free Phone and Calling Cards Calls

4.1 Free Phone Calls to PTCL Network

- 4.1.1 Whenever mutually agreed, PTCL free phone dialed from mobile terminals of the Operator to originate calls to PTCL Network shall not be charged by a Party to the other Party. However any charge to mobile users shall be the Operator's discretion. The Free phone calls to a particular number, data creation and routing shall be on either Party's written request about each individual Free Phone number.

4.2 Calls Through PTCL Calling Cards Used on Mobile Terminals

- 4.2.1 Whenever mutually agreed, Calls through PTCL calling cards used on mobile terminals of the Operator to originate calls to PTCL Network, shall not be charged by a Party to the other Party. However any charge to mobile users shall be the Operator's discretion.

5. Emergency Services and Enquiry Calls

- 5.1 The following types of calls will be treated as emergency calls:

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| (a) | Emergency Police Rescue | 15 |
| (b) | Fire Brigade | 16 |
| (c) | Edhi Ambulance | 115 |
| (d) | Any other calls as notified by the Authority | |

- 5.2 The following types of calls will be treated as enquiry calls:

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|-----|--|-----|
| (a) | Railway Inquiry | 117 |
| (b) | Flight Inquiry | 114 |
| (c) | Sui Gas Inquiry | 119 |
| (d) | PTCL Telephone Fault Reporting | 18 |
| (e) | PTCL Telephone Inquiries | 17 |
| (f) | Any other calls as notified by the Authority | |

5.3 Charges

5.3.1 In the case of emergency calls originating from the Operator's Network and routed to an Emergency Service connected to PTCL's Network, the following charges will apply:

(a) If PTCL's charge to an end user for an equivalent call originated on one of its own lines is zero, then there shall be no payment from Operator to PTCL.

(b) If PTCL's charge to an end user for an equivalent call originated on one of its own lines is the Local call charge, then Operator shall pay PTCL the Metropolitan interconnection charge as set out in **Table 3**.

(c) If PTCL's charge to an end user for an equivalent call originated on one of its own lines is some other amount than those specified in the preceding points, then Operator shall pay PTCL the interconnection charges as mutually agreed between the Parties, subject to approval from the Authority.

5.3.2 For inquiry calls the interconnection charges shall be the same as given in Clause 3 of this **Schedule 11**.

6. Charges for Leasing Of Domestic Private Leased Circuits (DPLC)

6.1 Charges for domestic private leased circuits per km per annum shall be as given in **Table 6** below:

Table 6: Charges for DPLC

Capacity	0-100KM, > 25 Km.	0-200KM , >100 Km.	0-600KM, >200 Km.	0->600KM, >600 Km.
2Mb	Rs 4,000	Rs 3,318	Rs 3,047	Rs 2,800
8Mb	Rs 13,552	Rs 11,613	Rs 10,664	Rs 9,800
34Mb	Rs 46,464	Rs 39,816	Rs 36,564	Rs 33,600
155Mb	Rs 162,624	Rs 139,356	Rs 127,974	Rs 117,600

6.2 Three percent (3%) discount on the above-mentioned charges shall be offered to the Operator on commitment of three (3) years or more for lease of circuits.

7. Co-Location Charges

7.1 Charges for provision of co-location facilities shall be as given in **Table 7** below:

Table 7: Co-Location Charges

S. No.	Particulars		Monthly Rentals
1	Covered Space.	i. Purpose Built Co-Location Center (With facility of standby Power). ii. Ordinary covered space in Exchange (With facility of standby Power).	i. Rs. 78/Sq. foot ii. Rs. 32/Sq foot

		iii. Ordinary covered space in Exchange (Without facility of standby Power).	iii. Rs. 17/Sq foot.
2	Open Space.	i. Open Space on ground ii. Open space on rooftop.	i. Rs. 11/Sq foot ii. Rs. 16.50/Sq. ft.
3	Towers	<p>i(a). Self Supported Tower on Rooftop (30 meter high). (For additional height, rates will be calculated on the basis of above rates)</p> <p>i(b) Self supported tower on ground</p> <p>a. 30 meter height b. 50 meter height c. 60 meter height d. 70 meter height e. 80 meter height</p> <p>Charges (a) and (b) above for Towers of less than 30m height</p> <p>ii. Guyed wired Towers on ground Actual space utilization will be calculated according to following formula $(2D + 2 + 2) \times (2D + 2 + 2)$ Where D is distance between two anchor points and two feet are added on either side of square. The cable runway shall be charged at actual length at the rates in the next column.</p> <p>iii. Guyed wired Towers on Roof Top Actual space utilization will be calculated according to following formula $(2D + 2 + 2) \times (2D + 2 + 2)$ Where D is distance between two anchor points and two feet are added on either side of square.</p> <p>iv. Additional 100 ft will be added for cable runway.</p>	<p>i(a).Rs. 50,000/-</p> <p>i(b) Self supported tower on ground.</p> <p>a. Rs.33,000 b. Rs.42,000 c. Rs.45,000 d. Rs.50,000 e. Rs.55,000</p> <p>To be Mutually Agreed by the Parties</p> <p>ii. Rs. 11/SQft X (Actual Space utilization) Rs.11/Sq ft in open area and Rs.17/Sq ft in covered area</p> <p>iii. Rs. 16.50/Sft. X (Actual Space utilization). iv. Rs. 16.50/Sft</p>
4	Dish Antenna	<p>i. Rent for Dish Antenna on Roof Top Actual space utilization will be calculated according to following formula $(d + 6 + 6) \times (d + 6 + 6)$ Where d is the diameter of Dish Antenna and Six feet are added on either side of square of diameter as roaming space. Additional 100 feet will be added for cable runway.</p> <p>ii. Rent for Dish Antenna on PTCL Tower</p> <p>iii. Rent for Dish Antenna(s) on tenant's own Tower on the ground.</p> <p>iv. Rent for Dish Antenna on tenant's own tower on rooftop</p> <p>1st Antenna</p>	<p>i. Rs. 16.50/S.Ft X (Actual Space utilization)</p> <p>ii. Rs.10,000</p> <p>iii. No charges</p> <p>iv. No Charge</p>

		v. Additional Antenna (Provided engineering design permit installation of additional Antenna) Installation of third party Antenna at Tenant's Tower (whether on ground or rooftop, provided engineering design permit installation of additional antenna).	v. Rs. 5,000 per antenna. Rs.5,000 per antenna
5	Charges for Electric Power	i. Purpose Built Co-location Centers with Air-conditioning (Including backup power). AC 220 V, DC 48 V ii. Ordinary Space AC 220 V DC 48 V Power for individual Air-conditioner to be installed by the tenant will be subject to additional charge at the above rates.	i. Rs. 1,500 /Amp AC Rs. 900/Amp DC ii. Rs. 1,000 /Amp Rs. 600/Amp

8 Charges for Short Messaging Service (SMS)

- 8.1 Each Party shall pay Rs. 0.25 per message to the other Party for termination of Short Messages on other Party's network.
- 8.2 For international outgoing SMS originated from the Operator's Network using PTCL Network, PTCL will receive Rs. 1.50 per message. Any settlement with foreign carrier for SMS shall be responsibility of the Operator.

9. International Roaming.

9.1 International Roaming Outgoing Calls.

For outgoing call from a mobile number of the Operator to another mobile number roaming internationally, the Operator will pay to PTCL the normal collection charges for outgoing international call Mobile operator will hand over call at POI nearest to IGE.. The Operator shall be responsible for settlement of roaming related charges with foreign carriers.

9.2 International Roaming Incoming calls.

International incoming calls from a foreign Operator, who has a roaming agreement with the Operator, to its customer in Pakistan will be treated as normal incoming international calls.

9.3 IPLC for Roaming facilities:

Tariff of US\$ 2852/64K/Month shall be charged by PTCL to the Operator.

9.4 IPLC for Roaming facilities:

Tariff of US\$ 2852/64K/Month shall be charged by PTCL to the Operator.

9.5 Charges for Pre Signaling Message:

Charges for Pre-conversation signaling to trace mobile customer roaming internationally shall be Rs. 0.03 per signaling message.

9.6 Charges for Change in Global Title Operator:

Charges for change in Global Title Operator or Signaling Connection Control part shall be Rs. 58,000.