

# **RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET - 1.9 GHZ**

<b>Spectrum block size (transmit + receive MHz)</b>	<b>Number of Available Blocks</b>	<b>Maximum Blocks Available per Applicant (and affiliates)</b>	<b>One-time fee per block upon licensing by Region (US \$ or equaling Forex value in PKR)</b>		<b>Annual renewal fee per block by Region (US \$ or equaling Forex value in PKR)</b>		<b>Roll-out Commitment in Region</b>	<b>Roll-out Commitment compliance</b>
5+5  1.25x3 + 1.25x3  (1890-1895; 1970-1975 MHz)*	1	1	Areal	US\$ 250,000	Areal	US\$75,000	(1) at least one base station that is on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US\$ 75,000	Area 2	US\$25,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR,NTR-1,NTR-2, CTR

\* The assignee of above mentioned spectrum block may be required to shift the frequencies within the CDMA 1900 MHz range. Moreover 1880-1885/1960-1965 shall be available if not used for CMTS.

Note: Spectrum blocks being vacated in future will be available for bidding from time to time. Auction may be conducted in per block or per carrier basis (as the case may be). Applicants should contact the Frequency Allocation Board for additional technical

information The Board is guided to the extent practical, by applicable ITU standards.

**RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET - 3.4-3.6 GHZ**

<b>Spectrum block size (transmit + receive MHz)</b>	<b>Number of Available Blocks</b>	<b>Maximum Blocks Available per Applicant (and affiliates)</b>	<b>One-time fee per block upon licensing by Region (US \$ or equaling Forex value in PKR)</b>		<b>Annual renewal fee per block by Region (US \$ or equaling Forex value in PKR)</b>		<b>Roll-out Commitment in Region</b>	<b>Roll-out Commitment compliance</b>
(10.5 + 10.5),  3.5x21 + 3.5x21  (blocks located within 3410-3497.5;3510-3597.5)	7	1	Area 1	US\$ 25,000	Area 1	US\$25,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US\$ 10,000	Area 2	US\$ 10,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR, NTR-1, NTR-2, CTR

Note: Applicants should contact the Frequency Allocation Board for additional technical information. Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.

### **RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET - 450MHz**

<b>Spectrum block size (transmit + receive MHz)</b>	<b>Number of Available Blocks</b>	<b>Maximum Blocks Available per Applicant (and affiliates)</b>	<b>One-time fee per block upon licensing by Region (US \$ or equaling Forex value in PKR)</b>		<b>Annual renewal fee per block by Region (US \$ or equaling Forex value in PKR)</b>		<b>Roll-out Commitment in Region</b>	<b>Roll-out Commitment compliance</b>
5+5;  1.25x3 + 1.25x3 ;  (452.5-457.475; 462.5-467.475)	1	1	Areal	US\$ 75,000	Areal	US \$ 50,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area2	US\$ 37,500	Area2	US\$ 25,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad  
Area2: FTR, HTR, GTR, RTR, NTR-1  
Area3: WTR, STR-1, STR-5, MTR, NTR-2, CTR

Note: PTCL has been allocated 1.25 MHz in Area 3. Rest of the 3.75MHz (including guard band) is available for new LL operators in Area 3. Above referred license fee for Area 2 will apply. PTCL is eligible to bid for additional spectrum in Area 3. only two CDMA carriers available in Area 3.

Note: Applicants should contact the Frequency Allocation Board for additional technical information. Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.

# **RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET - 479MHz**

<b>Spectrum block size (transmit + receive MHz)</b>	<b>Number of Available Blocks</b>	<b>Maximum Blocks Available per Applicant (and affiliates)</b>	<b>One-time fee per block upon licensing by Region (US \$ or equaling Forex value in PKR)</b>		<b>Annual renewal fee per block by Region (US \$ or equaling Forex value in PKR)</b>		<b>Roll-out Commitment in Region</b>	<b>Roll-out Commitment compliance</b>
5+5;  1.24x3 + 1.24x3  (479.0-483.48; 489.0-493.48 MHz)	1	1	Areal	US\$ 75,000	Areal	US\$50,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area2	US\$ 22,500	Area2	US\$ 15,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR, NTR-1,NTR-2, CTR

Note: Applicants should contact the Frequency Allocation Board for additional technical information Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.