



PAKISTAN TELECOMMUNICATION AUTHORITY
Headquarters, F-5/1, Islamabad
www.pta.gov.pk

APPLICATION FORM FOR FIXED WIRELESS SERVICES
(Fixed Links)

PTA Reference: _____	Date: _____
FAB Reference: _____	Date: _____
License No. _____	Date: _____

For
Official
Use Only

1. Name of Applicant Organization: _____
 Postal Address: _____

Telephone. (with city code): _____ Fax No. _____ Web Site: _____

2. Contact Person: Mr/Ms/Mrs _____
 (First Name) (Last Name)

Designation: _____ Department: _____

Telephone: (with city Code): _____ Mobile No. (if any): _____

Fax (with city Code): _____ Email: _____

3. **Link Data:**

a. Nature of Service: Public Government Limited Public Private

b. Type of Link Bi-directional Unidirectional Spread Spectrum Technology

Telemetry CMT Microwave Other

c. Link Capacity: _____ Mbps d. Hop Length: _____

e. Working Time: From: _____ To: _____ f. Type of Transmission: analog/Digital g. Frequency Band: _____

h. Frequency Spot (Requested): Tx: _____ Rx: _____ i. Channel Bandwidth: _____

j. Modulation Type: _____ k. Total No. of Site: _____

l. Designation of Emission: _____ m. Duration of License: 1 Year 2 Years 5 Years

n. Purpose: _____

4. **Site # 1 Data**

a. Name of Station _____

b. Address of Station _____

c. Coord. Longitude: _____ Degrees: _____ Minutes _____ Seconds
 Latitude: _____ Degrees: _____ Minutes: _____ Seconds

Note: Provision of Coordinates up to the accuracy of Second is mandatory

d. Height of site above mean sea level (AMSL): _____ Meters

e. Type of Location: City Hill Rural Within 16 km of Aerodrome

5. **Site # 2 Data:** (separate form for equipment details to be submitted if different equipment at both site is used)

a. Name of Station _____

b. Address of Station _____

c. Coord. Longitude: _____ Degrees: _____ Minutes _____ Seconds
 Latitude: _____ Degrees: _____ Minutes: _____ Seconds

Note: Provision of Coordinates up to the accuracy of Second is mandatory

d. Height of site above mean sea level (meters): _____

e. Type of Location: City Hill Rural Within 16 km of Aerodrome

6. **Equipment data:**

a. Equipment name: _____
 b. Manufacturer: _____
 c. Frequency range of Equipment: From _____ To _____

7. **Transmitter:**

a. Transmitter Output Power: Max: _____ Working: _____
 b. Total Attenuation (dB): _____
 c. **Attach Spectrum Chart for Transmitter**

8. **Receiver (for BER 10⁻⁶):**

a. C/I at threshold level (dB): _____ b. Receiver threshold level (dBm): _____
 c. Total Attenuation (dB): _____
 c. **Attach Spectrum chart for receiver**

9. **Antenna Data:**

a. Antenna name: _____ b. Antenna Type: _____
 c. Manufacturer: _____ d. Diameter (m) _____
 e. Antenna frequency range from _____ to _____
 f. Antenna Gain _____ dBi For Frequency _____
 g. Polarization _____
 h. Antenna height above ground level (m) _____
 i. Half Power Beam Width: _____ j. Front to Back Ratio (dB): _____
 k. Losses (dB): Feeder: _____ Branch: _____ Switch: _____

Antenna Pattern

PLEASE ATTACH THE AZIMUTH CO-POLARIZATION & CROSS POLARIZATION CHARTS OF THE ANTENNA (ALSO IN TABULAR FORM).

10. Supplementary Information (if any): _____

11. Nature and date of issuance of PTA license awarded to the applicant: _____

DECLARATION

I/we hereby, declare that the statement made and particulars given in this application Form are true and correct to the best of my/our knowledge and belief.

I/we also declare and undertake that all facilities to be acquired by me/us pursuant to this application shall be used by me/us only for the purpose for which it is acquired and that the conditions subject to which the facilities is granted shall be complied with.

Signature: _____
 Designation: _____
 Name: _____
 Place: _____
 Date: _____

Office Seal

Guideline for Preparation of Proposals by the Applicant

The applicant is required to submit proposal comprising of fourteen (14) sets whereas each set must contain the following documents, including a soft copy of complete proposal as above on CD/DVD.

- i. Letter of intent
- ii. Application on Prescribed Form
- iii. Detailed Technical Literature of the equipment
- iv. Antenna Pattern (Azimuth/Elevation Co-Polarization and Cross polarization charts, also in tabular form)
- v. Spectrum chart for Transmitter.
- vi. Network Diagram/Site Plan.
- vii. Six digits site coordinates duly verified by the Survey of Pakistan.
- viii. Undertaking on duly notarized stamp paper that:
 - a. Neither the applicant Company nor their shareholders Directors are defaulter(s) of PTA.
 - b. No secrecy device will be used on the communication system.
- ix. Processing fee of Rs. 1000/- for each link in the form of Demand Draft, pay order only in the name of "Pakistan Telecommunication Authority".