



**PROJECT IMPLEMENTATION UNIT (PIU)
PUNJAB URBAN LAND SYSTEMS
ENHANCEMENT (PULSE)
Punjab Land Records Authority (PLRA)
Government of the Punjab



TERMS OF REFERENCE

PUNJAB URBAN LAND SYSTEM ENHANCEMENT (PULSE)

**ISLAMIC REPUBLIC OF PAKISTAN
PUNJAB PROVINCE**

**HIRING OF AN INDIVIDUAL CONSULTANT AS
NETWORK SYSTEM ENGINEER**

April 2025

Terms for Reference for Network System Engineer

1. BACKGROUD INFORMATION

Board of Revenue, Punjab with the technical & financial support of World Bank is preparing Punjab Urban Land System Enhancement (PULSE) project for the establishment of a unified central database of all types of urban properties (societies / authorities / development agencies), rights and charges. The proposed system will not merely a GIS & Parcel based one but has all possible functionalities to serve as a robust platform for creation of ‘Spatial Data Infrastructure’ (SDI), an inevitable need of the future. The project will provide a complete and transparent record of title in land and immovable property. Digitization of remaining parts of rural land, digitization of katchi abadi record, automation of sub-registrar record rooms is also part of the project.

1.1. Beneficiary Country and Province:

Islamic Republic of Pakistan and Punjab Province.

1.2. Contracting Authority:

Under the Punjab Urban Land System Enhancement (PULSE) Project and in agreement with the World Bank, the Project Implementation Unit (PIU), Punjab Land Records Authority (PLRA), Government of Punjab is the contracting authority.

2. OBEJECTIVE

One of the core objectives of the PIU is to provide the analytical services and value-added information and solutions to Punjab Land Records Authority (PLRA) in Punjab and other users such as World Bank, donor organizations etc. in a manner that broadens and strengthens the digitization of land record on PLRA and maximizes the effectiveness of the Punjab Urban Land System Enhancement (PULSE).

The IT Assistant will provide assistance to the PIU-PLRA, PULSE team in the IT related functions.

3. SCOPE OF WORK

- i. System Administration & Network Handling, Hardware & Software troubleshooting, routine installations, configuration, testing and deployment of server hardware and software.
- ii. Identifying and solving any problems that arise with computer networks and systems.
- iii. Monitoring computer Networks, Firewall, Systems and servers to identify how performance can be improved.
- iv. Set up new users' accounts and profiles and deal with password issues.
- v. Working as IT support, installation of printers, Scanner, plotter and photocopier.
- vi. Configuring and handling of File Server.
- vii. Handling of FTP server and connected to all districts in Punjab.
- viii. Monitoring of SAN storage.
- ix. Configuring and Deployment of Firewall.
- x. Monitoring and troubleshooting of Antivirus Servers.

- xi. Configurations and Troubleshooting of telephone exchange and CCTV Cameras.

4. DELIVERABLES

The Consultant will submit monthly reports about the Terms of Reference (TOR).

5. QUALIFICATION AND EXPERIENCE

We are seeking enthusiastic and motivated individuals, to work with us on this dynamic and engaging project, who fulfill the following criteria:

- i. 16 Years of Education in computer science, Information Systems, Electrical Engineering, Electronics Engineering, Telecommunication Engineering, Software Development Engineering or a related field.
- ii. At least 3 years of post-qualification relevant experience in handling large networks.
- iii. CCNA CCNP and/or MCSE certification will be preferred.

6. TYPE OF CONTRACT

Time-Based Contract.

7. ESTIMATED DURATION OF CONTRACT

The duration of the contract is for a period of (02) years (extendable).

8. SELECTION METHOD

The selection will be made in accordance with the Open Competitive Selection of Individual Consultants of World Bank Procurement Regulations for IPF Borrowers”, dated November 2020. The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank’s “Procurement Regulations for IPF Borrowers” dated July 2016 revised November 2017 and August 2018 (“Procurement Regulations”), setting forth the World Bank’s policy on conflict of interest.
