Job Title: GIS Associate		
Reporting to: Director Implementation	Job Group: OP4	Department: Implementation

Why should you join US?

At USF Pakistan, we give you the opportunity to become a competent professional in an environment of diversity, integrity, growth and innovation. we enable you to realize your dreams in an environment of openness to new mindsets. You will play a key role in creating & sustaining a company image of empowering the underserved & unserved community of Pakistan.

Position Related:

➤ How does the position contribute towards the overall objectives of the organisation

The mandate of USF is to provide services in unserved and underserved areas. Identification of such areas is a critical task. GIS Implementation Associate is responsible for identifying unserved population in targeted area by validating Mauza profiling activity and provide coverage as per the contract while maintaining, organizing and sharing data with management.

Goals

Outline key performance indicators of the role

➤ Evaluation of Mauza identification form (MIF) of each project.

➤ Managing and organizing project wise MIF reports and tabular datasets.

➤ Highlighting Low population mauzas to the concern project manager of the project.

➤ Effective tracking and communication of mauza profiling status and metrics with management.

➤ Data sharing with internal/External stakeholder of USF.

➤ Improvement of processes, procedures, and tools in Implementation department

Your Typical day at work

- ➢ Validating MIF's data's and provide timely response to the Project managers and service providers for the finalization of reports.
- ➢ Managing geodatabase of all projects according to the audited figures (Sites, Mauzas, and Nodes etc.)
- ➢ To perform coverage analysis and analyze geo-telco data to implement broadband projects while considering the maximum underserved/unserved population.
- ➢ To perform GIS based analysis of existing optical network and layout of new network, routes, terrain, soil categorization, node placement, Tehsil/Town boundaries.
- ➢ Use GIS tools to identify and categorize, population, tehsils, union councils, their boundaries, roads and telecom wired/wireless infrastructure.
- ➢ Spatial Data Analysis based on existing telecom nodes, routes, coverage etc and identify unserved/underserved areas and to analyze coverage complaints received via PM portal/PTA.
- ➢ To highlight low population mauzas to the concern project manager of the project and to prepare change request sheet for noting approval.
- ➢ To ensure effective tracking and communication of mauza profiling status and metrics to management and internal stakeholder of USF.
- ➢ To share datasets with internal stakeholders of USF.

Eligibility Criteria

Education:

- ➢ Bachelor's Degree in Geography/Environmental Science (16 years of education) with major in GIS (MS in Remote Sensing & GIS will be preferred)

Work Experience:

- ➢ On hand experience of ArcGIS, ERDAS Imagine, MapInfo, and other GIS tools and software for identification of unserved/underserved areas with respect to Telecom /Mobile/Optical Networks, Visual Analysis, change detection, supervised and unsupervised classification estimation.

Functional Skills / Knowledge Areas

- ➤ Strong written and oral communication skills
- ➤ IT skills, including the use and manipulation of complex databases and spreadsheets
- ➤ Numerical skills with the ability to analyze data and statistics
- ➤ Familiarity with Ordnance Survey mapping and digitizing techniques
- ➤ Team working skills and the ability to work independently
- ➤ Time management & ability to work under intense deadlines
- ➤ Proficient in Microsoft Office, Google Earth Pro, and ArcGIS platforms