

Job Announcement Form

Professional Assistance for Development Action (PRADAN)

Title of the position offered	GIS Expert
Number of Vacancies	1
Responsibilities:	• Design, edit, manage, and prepare GIS datasets using GIS software for various programme initiatives, with a focus on data management, analysis, and visualisation. • Integrate field-collected data with geospatial platforms and undertake map digitisation to develop spatial datasets and maps representing different types of programme information. • Perform data munging, cleaning, transformation, and integration to convert datasets into the required formats and build and maintain accurate dataset topology. • Develop and maintain systematic processes for the regular collection, updating, storage, and management of vector and raster GIS data. • Undertake cadastral mapping and COGO-based mapping, including mapping of subdivisions, parcel splits and aggregations, annexations, rights-of-way, government properties, and other complex land and property features. • Handle and process panchromatic and multispectral remote-sensing data for various GIS and spatial analysis applications. • Conduct spatial analysis of GIS and remote-sensing datasets to identify spatial relationships, patterns, and trends using maps, graphs, and other visualisation tools. • Develop digital maps and thematic maps using appropriate projections and coordinate systems, including mapping of indices such as water bodies, vegetation cover, land use, and other relevant indicators. • Prepare analytical outputs and reports based on GIS and remote-sensing datasets to support programme planning, implementation, monitoring, and decision-making. • Establish and implement quality assurance and quality control processes for GIS, cadastral, and spatial databases to ensure data accuracy, consistency, completeness, and uniformity. • Use mobile-based geospatial applications and tools for field data collection, geo-tagging, mapping, and field-level spatial analysis. • Develop and maintain comprehensive documentation of GIS workflows, data standards, methodologies, systems, and technical processes. • Provide technical support and guidance to programme teams and partners on the use of GIS, remote sensing, mobile-based geospatial tools, and spatial data applications. • Design and facilitate training and orientation programmes for staff and partners on GIS applications, spatial data management, mapping, and basic spatial analysis.
Eligibility criteria	• Master's degree in Geology, Geography, Computer Science, or another relevant discipline, with a specialization in Geo-informatics, Geological Remote Sensing, GIS, or a related field. Relevant diploma/certification in Geo-informatics/GIS may also be considered. • Demonstrated proficiency in GIS and geospatial software and platforms, including ArcGIS Desktop 10.8, ArcGIS Online, ArcGIS Pro, QGIS, GRASS GIS, ILWIS, MapServer, GeoServer, ENVI, ERDAS Imagine, and OpenStreetMap (OSM).

	• Strong knowledge and practical experience in digital image processing, including change detection analysis, Land Use/Land Cover (LULC) mapping, and other advanced remote-sensing and geospatial analyses. • Good understanding of and hands-on experience with modern surveying and field-data collection instruments, including GPS, DGPS, Aqua Meter, Piezometer, and other advanced surveying tools. • Minimum 4 years of relevant professional experience in GIS, remote sensing, geospatial analysis, surveying, or related fields.
Place of posting/Location	Ranchi, Jharkhand
Proposed Salary range	Salary will commensurate with experience of the candidate and as per the market standard (As per PRADAN pay structure for FTEs)
Nature of job	1 year Fixed-term contract and extendable based on performance
Last date of Application	7 th October, 2026
For any queries write to	sauravdutta@pradan.net
Preference	• Experience in working and collaborating with government departments, institutions, and/or development and research organisations. • Demonstrated experience in planning, implementing, and monitoring watershed development projects. • Willingness to undertake extensive field travel as required for the role. • Candidates who can join immediately will be preferred.
Apply through the link	https://docs.google.com/forms/d/e/1FAIpQLSf5slEODRja9Mam9S-MI-OZjalVeZPstkWRU6PICupcHbLZRg/viewform?usp=sharing&ouid=109123034575112663488

