



Geospatial Consultancy

Vayam Technologies Limited proposes Consulting Services in Geospatial Technology. We offer cutting edge solutions that help companies make better decisions by presenting a unified, real-time view of critical information from across the organization's disparate information systems. We are able to arm companies with the tools and information required in addressing the changing business environment, and more importantly, to predict future changes and act on them before the competition does. Our consultants understand and are experienced in the entire business life cycle employing various techniques such as visioning, business re-engineering, business process planning & analysis, business system definition, technical design, construction, transition planning, and all related implementation activities.

CLIENTS:

- Lucknow Nagar Nigam
- Gwalior Nagar Nigam
- Indore Nagar Nigam
- R-APDRP for Bihar (SEB), Gujarat (two utilities), Haryana (one utility), Himachal Pradesh (one SEB), Uttar Pradesh (one utility), Uttaranchal (Power Corp)

LOCATION: India

CHALLENGES

Geospatial Technology is increasingly being applied in government organizations today for its information-rich and highly visual interface that enables real-time business decisions.

Vayam Technologies Limited provides geospatial consultancy and provides powerful and integrated business solutions that can change the way the business operates. Across the government organization, there are deep rooted problems of transparency and integration among various verticals/departments. The GIS technology is relatively a new field and limited domain knowledge of the clientele leads to delay in decision making.

We help our clients to counter the following challenges which they face while executing large scale GIS projects

- Managing, maintaining and tracking assets and resources
- Coping with complex operations and the maintenance of IT/GIS systems
- Integrating multiple data repositories and legacy systems
- Addressing data integrity issues
- Ensuring regulatory compliance

1. Consultancy for e-governance to different Nagar Nigams:

Lucknow Nagar Nigam:

- We are providing e-governance consultancy to Lucknow Nagar Nigam, in the form of DPR preparation under JNNURM project. Planning of infrastructure projects are based on GIS enabled spatial data and non spatial data. Services like property and water tax, infrastructure project planning, citizen grievances, etc are better provided using GIS data. GIS involves the digitization of satellite images and the attachment of non spatial data to the digitized images.
- Under this project we are providing the consultancy for the GIS integration of all the properties of LNN to be linked to the GIS system for every change in the status. The intensions are to check the financial outlays under works, maintenance, construction, renovation, modernization, dismantling, reconstruction etc. The complete system involves the integration of the ERP, GIS and RDBMS.

- We are providing the same services to Gwalior Nagar Nigam and Indore Nagar Nigam.

2. Accelerated Power Development and Reform Program:

- Under APDRP projects we are providing GIS based consultancy to 41 Distribution companies all over India, to improve the Power distribution. The consultancy proposals project GIS as an information management and facilities modeling system for maintaining information about geographically located assets.
- It provides consultancy as to how GIS based system can support better power management through improved decision support system, like, improved network management-through spatial analysis like voltage drop, load flow analysis, asset lifecycle management, and customer indexing.