

Company Profile

www.voyants.in

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Water & Sanitation

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Energy

Transportation, Road & Bridges

Architecture & Project Management

Infrastructure Planning & Design

Environment Management Services

Operation & Maintenance Services

Financial, Contracts and Legal Services

VOYANTS

PARTNERING VISION

ASIA . EUROPE . AFRICA



MESSAGE FROM MANAGING DIRECTOR



Voyants represents one of India's fastest growing premier multinational infrastructure consultancy service firms. With our technical prowess and global operations, we help multilateral, public and private sector Clients in their endeavor to build infrastructure for tomorrow. As a fully integrated infrastructure firm, we connect unparalleled expertise across services, markets and geographies.

Voyants offers services in all major sectors of infrastructure. At Voyants we take on every stage of an infrastructure project from conceptual or pre-planning stage through commissioning including operation & maintenance and management support. The unique feature of Voyants comprehensive and innovative service is the value addition imparted to each of its services.

We continuously engage with our Clients and understand their immediate and long-term business needs. We always rise above the expectations of our valued Clients and that is why Voyants has become a trusted consulting engineering organization. We have nurtured many successful partnerships to evolve most innovative, challenging and effective infrastructure models across **200 cities in 28 countries in three continents viz. Asia, Africa and Europe.**

Our corporate value system revolves around our core principles of social and environmental responsibility for developing sustainable solutions. At Voyants, our utmost motto is to carefully plan the environmental outcome of each of our project. When we think projects, we think of sustainability. We work in partnership with our Clients to strive for the twin goals of project excellence and sustainability.

What make Voyants unique is our people. Our team of more than **1000 professionals** represent some of the best minds within the industry and help in transforming great ideas into realities. We have a unique culture which is based on meritocracy and fairness. We believe in matrix organization that is professionally well managed. Ours is a young company, in years and in attitude. We dream big and we are not afraid to try out even seemingly impossible ideas. We see ourselves as belonging to the third millennium and are driven to make a mark in every field that we enter.

I request you to browse our website (www.voyants.in) and learn more about the accomplishments of Indian origin multinational company.

With Warm Regards,

Upendar Rao Kollu
Managing Director

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ABOUT VOYANTS

Voyants Solutions Private Limited (VSPL) is one of India's fastest growing, premier infrastructure consultancy services firms with global footprint. Voyants provides end-to-end, integrated infrastructure solutions across all major sectors viz. transportation, roads, bridges, railways, ports, residential townships, commercial complexes, industrial parks, SEZs, urban infrastructure, smart cities, energy, water & sanitation and waste management.

Voyants provides concept to commissioning services throughout the project life cycle. It takes on every element of infrastructure project ranging from project initiation and feasibility, planning, environment and sustainability management, privatization and project advisory, detailed design, tendering, project management and construction supervision, commissioning and finally to operation and maintenance.



The creative energies of our multi-disciplinary team of more than **1000 professionals** help transform great ideas into realities. Our technical prowess and global footprint enable us to provide engineering solutions under myriad codes and specifications applicable across the world coupled with state-of-the-art analytical tools and market sensitive strategic thinking. Our multifarious teams have helped multilateral, public and private sector Clients in their endeavor to build infrastructure for tomorrow. Our teams have delivered some of the most innovative, challenging and fast-track projects across **200 cities in 28 countries in three continents viz. Asia, Africa and Europe.**

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Voyants is an **ISO 9001: 2015** certified firm and **NABET accredited** EIA consultant in twelve sectors. Voyants is registered with a number of international & national funding agencies and empaneled with more than 100 government agencies globally. Our Clients include Fortune 500 companies, blue-chip corporations, multilateral funding institutions, prestigious government agencies and key lending institutions.

We take pride in listening to our Clients, understand their needs and deliver effective and efficient solutions. We have nurtured many successful partnerships to evolve best suited infrastructure models. Consequently, most of our Clients give us repeat assignments. We differentiate our services on the basis of continuous Client engagement, timely delivery, cost efficient plans / designs and the quality of our service delivery.



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INFRASTRUCTURE & TECHNOLOGY

With modern office spaces and state-of-the-art digital resources, Voyants has created robust intellectual infrastructure for its talent pool.

- ❖ Voyants has extensive office network in India and abroad. With Corporate office in Gurugram (National Capital Region), two Zonal offices in Hyderabad and Kolkata, four Regional offices in, Chennai, Bengaluru, Mumbai, Vijayawada and 45 Project offices, we promise unmatched reach and support to our clients. We have the capability to mobilise teams across locations in shortest possible time. Globally we have three offices in Kenya, Bangladesh, Rwanda and 5 Project offices in various countries.
- ❖ We house our knowledge resources in the central server system which are accessible all over the world.
- ❖ All our offices are inter-connected with video-conferencing facilities, empowering us to hold regular meetings with all our offices and Clients across the world.

We use contemporary, state-of-the-art hardware and software to deliver world-class solutions to our Clients. The software being used across our offices worldwide is as follows:

- ❖ Bentley CSS Subscription: (Bentley OpenRoads, OpenRail, Staad Pro, SewerCAD, Map Enterprises, Civil Storm, Storm CAD, WaterGems, Hammer, Micro station, SewerGems, gINT Professional)
- ❖ Bentley ProjectWise 365
- ❖ Autodesk: AEC Collection (Architecture Engineering & Construction Collection), Autodesk Civil 3D, AutoCAD – Including specialized toolsets, AutoCAD LT
- ❖ Adobe: Photoshop CC, Photoshop C5, Acrobat Pro, Acrobat Pro DC, CS5.5 Design Standard 5.5, Creative Cloud All Application
- ❖ ETAP
- ❖ ETAB
- ❖ SAFE
- ❖ VRAY
- ❖ Sketchup Pro
- ❖ HDM4
- ❖ Global Mapper V. 17.2 Standalone license
- ❖ ARCGIS Desktop STD (AE) VER 10.3.1
- ❖ Midas Civil Advanced Version Web License
- ❖ CalQam- KrossX (Non Portable)
- ❖ AERMOD View V9.9
- ❖ Tally ERP
- ❖ MS Office, MS Project
- ❖ Time Attendance & Payroll
- ❖ Saral PayPack Software

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HUMAN CAPITAL

- ❖ What makes Voyants unique is our people.
- ❖ The team at Voyants comprises more than **1000 professionals**, hand-picked from the best in the industry.
- ❖ The multi-disciplinary team at Voyants is a mix of planners, engineers, architects, environmental scientists, financial analysts, legal advisors, management professionals from premier institutions like IITs, RECs, SPAs etc.
- ❖ Voyants offers the right blend of local expertise and global exposure to enable its employees reach their fullest potential.
- ❖ Our organization culture and values propel our people to remain motivated and passionate and to work in harmony to take on complex assignments and new challenges and ensure Client satisfaction.
- ❖ Voyants is a place of excellence with creativity and one of the most sought-after companies to work with.
- ❖ Our strong and committed leadership team has made Voyants a name to reckon with in the infrastructure consultancy arena.



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GLOBAL PRESENCE

Voyants has enhanced its global reach by executing assignments in over 200 cities across 28 Countries in three Continents viz. Asia, Africa and Europe



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AFRICA



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SERVICES

Concept to Commissioning Services throughout Project Life Cycle

Environmental and Sustainability Management



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TRANSPORTATION, ROAD AND BRIDGES

Transportation is the integral part of a country's infrastructure, enabling social and economic development and allowing passage for increasingly mobile population and goods. Voyants is at the forefront of road infrastructure planning, design, engineering and project management. We partner with clients to provide safe, efficient and cost-effective transportation systems that fuel the nation's growth and development.

Our transportation professionals provide concept to commissioning services to Governments (GoI and the State Governments), Concessionaires and EPC clients globally. Having successfully completed challenging projects; we firmly believe that we are in a unique position to undertake various studies, planning, design and project management of linear transportation projects meeting timelines, desired costs and quality parameters. While developing new systems, we also help in the restoration and re-organization of old infrastructure elements.

Sub-Sectors

- ❖ Expressways / National Highways
- ❖ State Highways / District Roads
- ❖ Bypasses / Ring Roads
- ❖ Urban / Rural Roads
- ❖ Bridges – Major and Minor
- ❖ Flyovers/ Elevated Corridors
- ❖ Rail Over Bridges
- ❖ Underpasses
- ❖ Rail systems
- ❖ Internal / External Roads (Ports, Townships, Industrial Parks, SEZs and MMLPs)

Services Offered

- ❖ Field Surveys and Investigations
- ❖ Traffic and Transportation Studies
- ❖ Transportation Planning
- ❖ Feasibility Studies
- ❖ Detailed Project Reports
- ❖ Project Structuring and PPP Services
- ❖ Pre-bid Engineering & Detailed Designs
- ❖ Tendering and Bid Process Management
- ❖ Authority / Lenders / Owner Engineer
- ❖ Quality Control / Audits
- ❖ Quantity Surveying / Cost Management
- ❖ Construction Supervision
- ❖ Third Party Audit
- ❖ Operation & Maintenance (O&M)

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Highlights

- Detailed Design of more than 15,500 Kms of Highways / Roads in India, Africa and Asia.
- Construction Supervision/ Authority Engineer/Independent engineer projects for more than 6,500 Kms of Highways/ Roads.
- Design of 4/6 lane Elevated Corridors & major Grade separated Interchanges.
- Providing Pre-bid and Post-bid services to our esteemed Private Sector Clients and Lending Institutions.
- Feasibility Study for more than 300 km in western African countries of Gabon, Nigeria etc.
- Design and supervision of ADB funded urban roads in Rajasthan and Karnataka States of India.
- Designed numerous bridges and allied structures like Flyovers, RoBs, etc.
- National and International Bus Rapid Transit (BRT) Corridors in India and abroad.
- Planning, design and project management of integrated infrastructure (internal and external roads including grade separator interchange) in more than 30 Industrial Parks / SEZs / Township/ MMLP Projects.



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RAILWAY INFRASTRUCTURE

Voyants provides a diverse range of comprehensive solutions for Railway Projects which include Railway & Metro Infrastructure Design, Detailed Engineering, Project Planning & Management, Construction Supervision, Railway Over Head Electrification, Railway Sidings, and Railway solutions for Ports & Power Plants. Voyants is empaneled with Railway Zones across the country.

Voyants has a dedicated team of professionals including senior experts who have served in Indian Railways and have the relevant experience in the entire gamut of Design, Construction and Project Management of Formation, Bridges, Structures, Permanent Way, Over Head Electrification, Signaling and Telecommunication.

Voyants has the most modern Design, Drafting and construction supervision capability for Railway Works of Survey of New Railway Lines, Survey and Design of Railway Sidings, Doublings and Gauge Conversion, Over Head Electrification and Signaling & Telecommunication works.

Sub-Sectors

- ❖ Road Bed
- ❖ Track Design / Supervision
- ❖ Signaling and Telecommunication
- ❖ OHE and General Electrification
- ❖ Railway Siding
- ❖ Bridges, Structures and Stations
- ❖ Port Connectivity and Rail Yards
- ❖ MRTS / LRTS / Metros
- ❖ Logistics Parks Rail Connectivity

Services Offered

- ❖ Pre/Post Bid Engineering Services
- ❖ Surveys and Investigations
- ❖ Traffic Studies
- ❖ Feasibility Studies / DPR / Detailed Designs
- ❖ Tendering and Bid Process Management
- ❖ Lenders / Authority / Owners Engineer
- ❖ Quality Control and Audits
- ❖ Quantity Surveying / Cost Management services
- ❖ Project Management / Construction Supervision
- ❖ Railway Bridge Design

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Highlights

- Managing Railway projects PAN India and overseas.
- Over 500 highly qualified team of Designers, Experts and Project Management Professionals.
- Railway Infrastructure works of Track Installation, Signaling & Telecommunication, General Electrification, OHE and Civil Works for over 5000 kms and 295 stations.
- 35000 kms of OHE and General Electrification works.
- Design of Rail over Rail (RoR) projects.
- Strong credentials of completing assignments ahead of schedule.
- Repeat assignments from RVNL, PGCIL, IPRCL, RITES & Railway Zones.
- Empaneled with EXIM Bank, IPRCL and Various Railway Zones.



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PORTS AND MARINE

The Ports and Shipping industry play a pivotal and complementary role in sustaining growth in trade and commerce and optimal development of the country's economy. The globalization of World economy has brought about tremendous increase in exchange of goods across the World. The World trade has also accelerated as cost of shipping has decreased owing to technological advancement & economies of scale. To cope with the ever-growing World trade, ports of every country will continue to play a critical and important role in providing the cheapest / alternative mode of transportation.

We at Voyants have strong team of professionals and we understand the rapidly growing industry requirement. We offer complete solution on port development projects; from site selection to commissioning. We have the unique advantage of possessing vast experience in advisory and planning services as well in the development of greenfield port projects from concept to commissioning. Voyants has unique advantage of having all the sectors and experts required under Sagarmala Initiative under one roof.

Sub-Sectors

- ❖ Greenfield Ports
- ❖ Marine Structures
- ❖ Coastal Erosion and Shore Protection
- ❖ Specialized Port Terminals
- ❖ Passenger Water Terminals
- ❖ Cargo Handling Equipment
- ❖ Shipyards (Shipbuilding and Repair)
- ❖ Seawater Intake and Outfalls
- ❖ Fishing Harbours and Marinas
- ❖ Navigational Canals and Channels
- ❖ Inland Water Transportation
- ❖ Port Connectivity (Road, Rail)
- ❖ Container Freight Stations, Dry Ports and Multi Modal Logistics Parks
- ❖ Port based Free Trade Zones and Special Economic Zones

Services Offered

- ❖ Project Identification
- ❖ Field Surveys / Investigations and Analysis
- ❖ Traffic Studies
- ❖ Techno-Economic Feasibility Studies
- ❖ Economic and Financial Analysis
- ❖ Detailed Project Report
- ❖ Master plan and Business
- ❖ Detailed Engineering, Technical Specifications, Cost Estimation and Tender Documents
- ❖ Project Structuring and Transaction Advisory services
- ❖ Environmental and Social Assessment Studies (NABET Accredited)
- ❖ Risk Assessment Studies
- ❖ Assistance in Statutory Clearances / Approvals
- ❖ Procurement Assistance including Prequalification of Vendors
- ❖ Project Management Services, Monitoring and Scheduling
- ❖ Construction Supervision and Quality Control / Assurance
- ❖ Lenders Engineer and Owners Engineer Services
- ❖ Marpol

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Highlights

- Winner of Bentley Year in Infrastructure Award 2020 for Bangladesh Regional Waterway Project-1, Dhaka.
- Successfully completed techno-economic feasibility studies and basic engineering for LPG and other Liquid Cargo Jetty and Tank farm facility, JNPT, Mumbai.
- Successful completion of DPR for the development of Vodarevu Port and Shipyard.
- Techno-Economic Feasibility studies for mechanization of cargo handling systems in Syama Prasad Mookerjee Port, Visakhapatnam Port and Paradip Port.
- Providing concept to commissioning services for one of the largest Passenger Water Terminals in Bangladesh.
- Provided concept to commissioning services to numerous Port based Industrial Parks/SEZs.
- Successfully prepared feasibility for the development of Dry Port, Sangli, Maharashtra.
- Providing concept to commissioning services for Green Field Fishery Harbour cum Cargo Port in Andhra Pradesh.



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INFRASTRUCTURE PLANNING AND DESIGN

We shape the built environment of regional, urban and industrial scale projects with focus on viability and sustainability. Our multi-disciplinary team integrates urban planning, design and infrastructure to ensure balance between environment, community and economic development. Our work provides the foundation for successful project implementation by developing strategic frameworks for growth. Integration of disciplines and systems is our forte.

We create a platform for the assimilation of planning initiatives with hardcore engineering. We provide innovative and sustainable planning solutions through integration of contemporary planning concepts including state of the art technology driven multi-disciplinary imperatives. Our acumen lies in providing consultancy for projects right from its nascent stage to the final implementation at site, enriched by our extensive experience in feasibility studies, market assessment, master planning, engineering design and project management. The Sector is divided in to distinct sections as below:

1. Urban and Regional Planning
2. Industrial Townships and Special Economic Zones (SEZ)
3. Multi-Modal Logistic Parks
4. Smart Cities
5. Transit Oriented and Multi-Modal Development

Sub-Sectors

- ❖ Special Economic Zones (SEZ)
- ❖ Industrial Parks
- ❖ Integrated Mixed-Use Townships
- ❖ Multimodal Logistic Parks (MMLP)
- ❖ Theme Parks
- ❖ Urban Planning
- ❖ Regional Planning
- ❖ Corridor Development
- ❖ Slum Improvement
- ❖ Smart Cities
- ❖ Tourism Master Plans and Proposals

Services Offered

- ❖ Techno-Economic Feasibility Studies
- ❖ Market Research and Demand Assessment
- ❖ Site Selection
- ❖ Sector Identification
- ❖ GIS Mapping and Analysis
- ❖ Institutional Framework and Capacity Building
- ❖ Master Planning and Urban Design
- ❖ Detailed Engineering of Infrastructure Works
- ❖ Public Private Partnership
- ❖ Value Engineering and Cost Management
- ❖ Tendering / Bid Process Management
- ❖ Regional and Urban Development / Master Plans
- ❖ Slum Up-gradation Plans
- ❖ Financial Analysis and Business Plan
- ❖ Bid Advisory and PPP Services
- ❖ Project Management & Construction supervision
- ❖ Lenders/Owners/Independent Engineer
- ❖ Operation & Maintenance Assistance

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Highlights

- Master Planning of more than 170,000 Ha and detailed infrastructure design of more than 110,000 Ha of multi-product SEZs / Industrial Parks in India, middle-eastern Asia and Africa.
- Involved in the Feasibility Study / Master Planning / Infrastructure Design of Special Economic Zones / Free Trade Zones / Industrial Zones in more than 10 Countries.
- Statutory Development Plans for 13 towns / cities in India and Bhutan.
- City Development Plan / Draft Development Plans for more than 35 cities and towns across India (Population ranging from 20,000 to more than 1 million).
- Involved in the Planning studies for Special Investment Regions (SIR) and Growth Poles (Agri-based Regional Development) and National Manufacturing Zones (NIMZ).
- Successfully delivered Eight Smart City Challenge Projects.



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ARCHITECTURE AND PROJECT MANAGEMENT

Architecture is the key to tomorrow's-built environments. Great architecture shapes the human experience, improves the quality of the built environment and helps conserve the earth's resources. Voyants goal is to cut through this complexity and enable excellent functional spaces and deliver affordable, well-built and inspiring building complexes facilitating easier and a better quality of life. Voyants has been planning and designing complex projects for two decades now.

Our architects aim to provide innovative design solutions with strict adherence to regulatory framework, schedules and budgets. Our building and interior designs are complete with sustainable & green architecture concepts. Our in-house design capabilities extend to residential spaces, commercial complexes, multiplexes, office spaces, institutions, universities and industrial spatial forms. Our design ideology enables us to deliver original and practical local solutions. The Design Team takes pride in creating Iconic Designs and give identity to the Project. The designs are created with full considerations of sustainability considerations, Green building features, GRIHA rating, IGBC rating, Vaastu guidelines as applicable. Voyants takes pride in providing value to our clients through professional project management services and managing the construction of their projects within time and budget. Our value engineering efforts have saved time and cost for our clients on international front namely Malawi, Rwanda, Cape Verde, Georgia, Bangladesh, Kenya, Gabon, Burkina Faso etc.

Sub-Sectors

- ❖ Buildings of National importance
- ❖ Multi storied Office Complexes
- ❖ Multi modal Transit Hubs
- ❖ Universities
- ❖ Commercial Establishments
- ❖ Leisure and Entertainment Complexes
- ❖ Hotels and Resorts
- ❖ Hospitals
- ❖ Institutional Buildings
- ❖ Industrial Complexes
- ❖ Malls and Multiplex
- ❖ Railway Stations
- ❖ Land Port Terminals, Marine Port Terminals

Services Offered

- ❖ Site Selection and Site Planning
- ❖ Surveys and Investigations
- ❖ Volumetric Study, Architectural Design
- ❖ Structural Design
- ❖ Building services design – Plumbing, Mechanical, HVAC, Fire-fighting, Electrical, BMS
- ❖ Landscaping and External Services Design
- ❖ Interior Design
- ❖ Value Engineering and Space Eke
- ❖ Good-for-Tender and Construction Drawings
- ❖ Tendering and Bid Process Management and Design Supervision
- ❖ Project Management and Construction Supervision

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Highlights

- More than 62 million sq.ft. of built- up space design and project management experience for various Private, Government and Multilateral funding institutions – World Bank, African Development Bank, Exim Bank etc.
- Designed and Handed over **Carnegie Mellon University Africa Campus** in Rwanda – an Africa Development Bank funded Project. Awarded the Design of **National Defence University of Rwanda** amidst tough International Design Competition.
- Awarded the Design of **Headquarters of Integrated Defence Staff (IDS)** and Design & Project Management of **Naval Headquarters** at Delhi.
- Declared **Winner** in international Competition in 2019 organized by **Bentley** “**The Year of Infrastructure Awards**” for **12 IT parks project in Bangladesh (an Exim Bank funded Project)** at a grand ceremony in Singapore.
- Declared Winner in international Competition in 2020 organized by **Bentley** “**The Year of Infrastructure Awards**” for development of Passenger Inland Water Transport Terminal in Shasanghat and other locations in Bangladesh.
- Declared Winner of International Design Competition for **Two Railway Redevelopment Projects at Baiyappanahalli, Bangalore and Gwalior** and Runner up in **Nagpur**.
- Providing Project Management Services for first of its kind **Medical Device Technology Park at Andhra Pradesh** to start operations in record time of 18 months from start. Providing Project Management Services for **Telangana Police Headquarter Building with State-of-the-Art Command and Control Centre** with Towers 18 stories high with Helipad and Sky bridges spanning 50 m at a height of more than 50 m.
- Providing Design and Project Management Services for **Development of Central Square – 31 storied – 120 m high - Commercial Mixed-Use Building with Multilevel Car parking in Basements as deep as 27 m** with Area
- Development and Multimodal Integrated Development for around 40 acres of land including Subways and Landscaping for Chennai Metro Rail Limited.



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ENERGY

Voyants has specialist capabilities in power development, strategic planning, power system & quality analysis, project feasibility development, pre-bid engineering, DPR Preparation, detailed design, pre-dispatch inspection of material at national scale, project management services.

With our strength in core design and engineering, we contributed towards the development of SEZs in many sectors with areas ranging from 25 acres to 14,390 acres spread over in India. Our teams closely worked with power utility of major states for study and approval of design including detail execution drawings for tendering. Voyants has vast experience in working on town wise study of existing distribution system to ascertain the T&D losses and preparation of DPRs of 164 towns for improvement and upgradation of system with new technologies for reduction of technical as well as commercial losses. We have completed a load flow study on E-TAP software for multiple power utilities in India.

We have dedicated team for detailed profile survey to design EHV lines and Substations up to 220 KV. Our skills in transmission and distribution extend from the design and modifications of existing infrastructure, improvements to substations and to major electrical transmission infrastructure design. Our engineers are providing energy distribution and transmission solutions to clients across India, Africa & GCC countries. We have been instrumental in reducing transmission & distribution losses, designing cost-effective and state-of-the-art designs for IT buildings and in planning & designing electrical networks and sub-stations in Africa.

Using the most current technologies, we help our clients to develop energy efficient solutions, develop renewable resources including grid reliability and loss reductions.

Sub-Sectors

- ❖ Distribution
- ❖ Transmission
- ❖ Sub Station
- ❖ Hydro Power Plants
- ❖ Townships / Industrial Parks / SEZs /Ports
- ❖ Smart City Projects / Multi Modal Logistics Parks
- ❖ Renewable Energy
- ❖ Energy Audit & Efficiency

Services Offered

- ❖ DGPS / GPS based Network and Consumer Survey
- ❖ Assets Mapping
- ❖ Feasibility Studies
- ❖ Detailed Project Report
- ❖ 3rd Party Quality Assurance
- ❖ Pre-dispatch Inspection
- ❖ Pre-bid/ Detailed Engineering Services
- ❖ Tendering and Bid Process Management
- ❖ Project Management and Construction Supervision
- ❖ Quality Control and Assurance

Highlights

- Electrical network planning, Designing, Cost estimation, preparation of GIS based maps, ARR calculation Tendering and Bid Process Management of Transmission and Distribution (T&D) system in overhead as well as underground system (EHV to LT) for development of new areas and existing cities.
- Preparation and & formulation of DPR, technical study for the feasibility analysis with the standard network analysis tool like E-TAP.
- Study of existing distribution system of cities to evaluate the T&D losses to up-grade the system for quality supply including Project Management, Construction and Supervision Services in India and Africa.
- Third Party Quality Assurance and Inspection Services of Rural Electrification works sponsored by Ministry of Power, Government of India.
- Project management consultant for State- funded projects, Exim -bank funded projects in India and Gambia.
- Pre-Dispatch Inspection and Quality Control Assurance Services for material and equipment.
- Feasibility study cum Bankable Report for Hydroelectric Power Projects in India and Africa.
- Third-Party Concurrent Evaluation Agency (TPCEA) under Integrated Power Development Scheme for Gujarat, Bihar, Jharkhand, Rajasthan and Madhya Pradesh States by Power Finance Corporation Ltd.
- Study of Impact Assessment of R-APDRP scheme of Ministry of Power, Government of India implemented through Power Finance Corporation Ltd.





WATER, SANITATION AND WASTE MANAGEMENT

Voyants supports water, wastewater, storm water drainage and waste management related environmental sectors with services ranging from concept to commissioning. Our experience in planning, designing, bid processing and supervision for water/sanitation (WATSAN) networks range from rural settings to urban level infrastructure. We provide an integrated range of advisory, planning, detail design and technical skills to ensure that the entire process of delivering water-related infrastructure functions smoothly and efficiently for the benefit of our esteemed clients across India, South Asia, GCC and Africa.

Voyants has undertaken designs of some of the most prestigious and flagship water and sanitation systems in India and Africa. We are recognized as a key player in the planning, designing and implementation of WATSAN projects.

Sub-Sectors

- ❖ Water Supply
- ❖ Sewerage Systems
- ❖ Storm Water Drainage and Flood Management
- ❖ Water Treatment Plants
- ❖ Effluent & Sewerage Treatment Plants
- ❖ Rejuvenation of Lakes / Creeks / Rivers
- ❖ Water Resources
- ❖ Waste Management Facilities (Solid/Hazardous/Medical)
- ❖ Townships / Industrial Parks / SEZs / Ports/ Logistic parks

Services Offered

- ❖ Planning
- ❖ Feasibility Studies
- ❖ Detailed Engineering
- ❖ Pre-bid Engineering
- ❖ Tendering and Tender Process Management
- ❖ Quantity Surveying / Cost Management Services
- ❖ Third Party Quality Audits / Lender's Engineer / Owners Engineer Services
- ❖ Project Management / Construction Supervision services

Highlights

- Planning and Design / Supervision of Water Supply, Storm Drainage, Sewerage projects for more than 50 cities / towns.
- Planning, Design / Supervision of Water Supply, Storm Drainage, Sewerage for development of 50 nos. of SEZs/ Industrial parks / Township projects.
- Preparation of Feasibility Studies, Detailed Design and Tender Preparation for rejuvenation of lakes, rivers, creeks and water bodies of 20 nos. of water bodies, 2 nos. of creeks, 7 nos. rivers.
- Design and Supervision of urban and rural Water Supply, Sewerage and Drainage networks for JnNNURM, AMRUT, World Bank, Asian Development Bank, KfW and JICA funded projects.
- **Largest Sewerage Project:** Underground sewage scheme for Tiruchirappalli, India – area covering 167 Sq. km with 760 km collection network for 1.98 million projected population.
- **Largest Water Supply Project:** Comprehensive Rural water supply scheme for Prakasam District in Andhra Pradesh with 95 MLD treated water covering 802 habitations / villages with 1000 km transmission main and 4350 km distribution covering 9000 Sq. kms area with 13 Lakh projected population.
- **Largest Storm Water Project:** Preparation of DPR for Providing Integrated Storm Water Drains for Kosasthalaiyar Basin in Greater Chennai Corporation, Chennai, Tamilnadu. Study area 124 sq. km, 875 km long drainage network and integrating 40 nos. of water bodies.
- **Project Management Unit:** Implementation of Rural Water Supply for the State of Andhra Pradesh under Jal Jeevan Mission.
- **Project Management Consultancy:** Consulting Services for 125 MLD integrated water supply project with 200 km Transmission Main, 125 MLD Water Treatment Plant, 200 km Feeder Mains and 850 km distribution network for Madurai City, Tamil Nadu, India.

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Transportation,
Road & Bridges



Rail
Infrastructure



Ports &
Marine



Infrastructure
Planning &
Design



Architecture
& Project
Management



Energy



Water &
Sanitation



Environment
Management
Services



Financial,
Contracts and
Legal Services



Operation &
Maintenance
Services



ENVIRONMENT MANAGEMENT SERVICES

At Voyants, we carefully plan and manage the environmental outcome of each of our projects. When we think projects, we think of sustainability. We work in partnership with clients to strive for the twin goals of growth and sustainability.

The strength of VSPL lies in its Environmental, Social & Sustainability Advisory Services. VSPL has extensive experience and proven track record in the field of Environmental and Social Impact Assessment (ESIA), Environment & Social Due Diligence Audit (ESDD) and Reporting, Occupational Health and Safety (OHS) Management, Environment Social Management Framework (ESMF), Environmental and Social Management Plan (ESMP), Social & Environmental Safeguard Monitoring and Review, Implementation of Environmental Management Plans (EMP), Public Consultations & Stakeholder Engagement Plan (SEP), Resettlement Action Plan (RAP), Resettlement Action Framework (RAF), Rehabilitation & Resettlement (R&R study), Livelihood Restoration Plan (LRP), Social Impact Assessment, Ecology & Biodiversity Study including Biodiversity Management Plan (BMP), Water & Energy Audits, Analysis of Alternatives, Monitoring Supervision and Implementation of ESMP

We have delivered more than 565 projects; that have successfully cleared all stringent environmental prerequisites. We strongly believe that by shifting the energy burden from non-renewable to renewable resources, we can stand up to the challenges of the future. VSPL is accredited as “Category “A” Organization under QCI NABET Version 3 for twelve Sectors”.

Sub-Sectors

- ❖ Mining of Minerals (Open Cast)
- ❖ River Valley, Hydel, Drainage and Irrigation
- ❖ Thermal Power Plants
- ❖ Industrial Parks / SEZs/Biotech Parks, Leather Complexes
- ❖ Ports, Harbours, Break water and Dredging
- ❖ Highways
- ❖ Common Municipal Solid Waste Management Facility
- ❖ Building and Large Construction
- ❖ Townships and Area Development

Services Offered

- ❖ Statutory and Non-Statutory EIA, EMP, ESIA, ESMP, ESMS (IFC performance standard, ADB SPS and JICA guidelines)
- ❖ Environmental and Social Due Diligence
- ❖ Policy Framework Report, SIA, R&R Plan, LA and RAP
- ❖ Compliance Management (Phase I and Phase II ESA)
- ❖ Sustainability Advisory Services
- ❖ Source Vulnerability Assessments and Source Water Protection Plans
- ❖ Solid/Hazardous/Bio-medical Waste Management
- ❖ EHS, Energy and Water Auditing
- ❖ ISO and OHSAS Advisory Services
- ❖ Soil, Ground water, Oil sludge Remediation
- ❖ Climate Change Adaptation and Mitigation Plans
- ❖ Risk & Disaster Management Plan
- ❖ Biodiversity Management Plans and Bird - Bat Studies for Wind Power Projects

Highlights

- Completed more than 565 Environmental Studies in-line with MoEFCC and SEIAA/SEAC norms. Based on IFC, WB, JICA, KfW, AFDB and ADB guidelines of environmental and social sustainability.
- Completed ESIA/ESMP & ESDD for more than 70 projects in Renewable Energy (Solar, Wind, and Hydropower) Sector with aggregate capacity of more than 7000 MW.
- Successfully completed Bird and Bat studies for wind farms as per the ADB requirement for more than 400 MW wind farms.
- ESIA for 200 MW Solar PV Park and EHSS Services for a Reputed Govt. Client for KfW Development Bank Funded Projects.
- EIA for Oil and Gas projects including transportation projects in GCC, Further Completed water optimization and ground water modelling assessments for upstream Petroleum Industry in Saudi Arabia and Bahrain.
- Sustainability advisory services for Multi National Clients.
- EIA – EMP for major and medium irrigation and Hydroelectric projects Pan-India.
- Developed Social Management Framework (SMF) for MUTP III, AIIB funded project in Mumbai. Executed more than 12 city level Feasibility Reports of municipal solid waste and hazardous waste management assignments.





FINANCIAL, CONTRACTS AND LEGAL SERVICES

A decision to undertake an activity is always backed by its prospective outcome. Activity with expected positive outcome is undertaken but otherwise refrained. Hence, when a project is undertaken it is assessed whether the same would be viable in compliance with contractual and legal obligations. On the viability front, we assess the project on financial and/or economic parameter. We also handhold the Client at all stages of the project right from pre-bid services, agreement and execution till commissioning.

Voyants provides concept to commissioning services throughout the project life cycle and therefore possesses in house domain knowledge of infrastructure projects at all stages. Hence, we undertake advisory services that include market assessment, financial/economic feasibility check, project structuring, RFQ/RFP preparation, bid process management & selection of partner, preparation of Concession Agreement and other legal documents etc. This differentiates us from other financial advisory, contractual and legal service providers.

Our strong team of professionals possess requisite knowledge and experience to assist our Clients in appropriate decision making. We bring together all relevant parameters on board that helps the Client understand pros and cons of undertaking the project. We undertake advisory services for upcoming, ongoing and stressed infrastructure projects.

Sub-Sectors

- ❖ Transportation, Roads and Bridges
- ❖ Industrial Park, Special Economic Zones (SEZ), Area / Land Development
- ❖ Smart Cities
- ❖ Commercial Establishments and Residential Townships
- ❖ Ports, Airports and Railways
- ❖ Energy
- ❖ Water, Sanitation and Waste Management

Services Offered

- ❖ Techno-Economic Feasibility Study
- ❖ Financial Viability
- ❖ Project Management Services
- ❖ Contract Management Services
- ❖ Stressed Asset Management
- ❖ Legal Services
- ❖ Arbitration

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Highlights

- Financial Viability and Advisory services for key infrastructure development projects in Public Private Partnership (PPP) mode in India and Abroad.
- Techno-Economic Feasibility studies for infrastructure projects.
- Project Management services for numerous infrastructure projects in India and Abroad.
- Contractual and Legal services to our Clients for numerous Infrastructure projects in India and Abroad.
- Value added services to key Clients relating to their claims, arbitration cases and legal disputes.



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Contracts and
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Operation &
Maintenance
Services



OPERATION AND MAINTENANCE SERVICES

Operation and Maintenance (O&M) Services is a systematic approach to safety, health, environment, reliability, availability and an asset efficiency to ensure a smooth working condition and maximize life cycle of equipment and infrastructure facilities. Voyants provides concept to commissioning services throughout the project life cycle and therefore possesses in house domain knowledge of infrastructure projects at all stages. We provide specialized solutions required to operate, maintain, and monitor the effectiveness of the Asset as specified in the Scope of Works (SOW) or any approved O&M Plan. Our specialists are trained to deliver everything from short term supervision to ongoing, hands-on management of your entire utility infrastructure.

Voyants can provide any number of skilled, experienced on-site employees to operate and maintain your utility system and infrastructure assets. We can provide from one operator technician to a complete operations and maintenance personnel with expertise in each of the segments.

Sub-Sectors

- ❖ Roads and Bridges
- ❖ Industrial Parks, Special Economic Zones (SEZ),
- ❖ Commercial Establishments and Residential Townships
- ❖ Energy Distribution
- ❖ Energy Efficiency and Renewable Energy
- ❖ Water Supply and Sanitation
- ❖ Solid and Liquid Waste Management

Services Offered

- ❖ OMT and Tolling Services to Highways
- ❖ Operational Efficiency, Load Management in Energy Distribution
- ❖ Short Term Supervision Services
- ❖ One Operator Services
- ❖ Bouquet of Technical Services
- ❖ Complete O&M Services

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Highlights

- Providing Complete O&M Services for various Water Supply and Environmental Management (STP, ETP, CETP, etc) Projects.
- Providing Energy Efficiency, Energy Audit and Value-Added Services.
- Providing various value-added services to O&M of National and State Highways.
- Providing value-added Services to Industrial Parks/SEZ Projects.



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CERTIFICATIONS, REGISTRATIONS, EMPANELMENT AND CLIENTELE

Certifications

- ❖ An ISO 9001:2015 Certified Firm
- ❖ NABET Accredited EIA consultant in **12 Sectors**
- ❖ Registered with a number of International & National Funding Agencies
 - World Bank
 - EXIM Bank
 - JICA
 - GIZ
 - AfDB
 - ADB
 - IDB
 - DFID
 - AFD

Empanelment

Voyants is empaneled with more than 100 Government agencies globally.

Clientele

Our clients include Fortune 500 companies, Blue-chip Corporations, Multilateral Funding Institutions, Prestigious Government Agencies and Key Lending Institutions. We pride ourselves in our ability to listen to clients and understand their needs. We have nurtured many successful partnerships to evolve effective infrastructure models. Consequently, most of our clients give us repeat assignments

- VSPL has had the privilege of working with some of the best and reputed Clients globally
- Our Capability is demonstrated by the fact that more than 30 Clients have been awarding repeat assignments
- **Our impressive Private Clients list include:** Tata Realty, Emaar MGF, QVC Realty, India bulls, Ace Urban, Greenko, Vedanta, Ramky Group, GMR, DLF, Future Group, Mahindra, IL&FS, Bharat forge, Grand Ports Ltd., Eldeco, Essar, Simplex, Kalyani Group, Bhartiya International, Pepsico, Trident Group, NCC, Mytrah, Welspun, Ansals, Afcons, Aditya Birla, Ambuja, Asian Paints, Avaada, Bennett Coleman & Co., Cognizant, Divis Laboratories, Enfield Exports, Hamdard Laboratories, Hindustan Zinc, ITC, Jubilant Organosys, Kajaria Infrastructure, L&T, Lanco Infratech, Nicholas Piramal India, Parsvnath Developers, Patni Computer Systems, Reckitt Benckiser, Reliance Industries, ReNew Power, SP Port Maintenance, Suncity Hi-Tech Projects, Suven Life Sciences, Suzlon Infrastructure, TCS, Uflex, and Vatika etc.
- **Our impressive Government Clients list include:** Ministry of Road transport and Highways (MoRTH), National Highways Authority of India (NHAI), Rural Electrification Corporation Limited (REC), Gail (India) Limited, Rail Vikas Nigam Limited (RVNL), Naya Raipur Development Authority, National Highways & Infrastructure Development Corporation Ltd (NHIDCL), Vishakhapatnam Urban Development Authority (VUDA), Military Engineering Services, State Highways Authority of Jharkhand, Andhra Pradesh Industrial Infrastructure Corporation Ltd. (APIIC), West Bengal State Electricity Distribution Company Ltd, Tamilnadu Industrial Development Corporation Ltd, National Buildings Construction Corporation Ltd, Karnataka Urban Infrastructure Development & Finance Corporation Ltd., MP Road Development Corporation Ltd, AMTZ, DGMAP, TMDP, APDWSC, APSPDCL, AP Maritime Board, APMIDCL etc.
- **Our impressive International Clients list include:** Rwanda Utilities Regulatory Authority (RURA), Hayel Saeed Anam & Co. (HSA), Dheya Tawfiqi Engineering Consultancy Bureau, Saudi Consulting Services – Saudconsult, Khatib & Alami, Olam International Limited, Kenya Agribusiness and Agroindustry Alliance (KAAA), Ministry of Trade and Industry (MINICOM) Rwanda, Municipal Development Fund of Georgia, Tanzania Commission for Science and Technology, NOSI – Avenida Cidade de Lisboa, FDRE Industrial Parks Development Corporation, Ethiopia, Ministry of Agriculture - Malawi, Ethiopian Roads Authority, Gabon Special Economic Zone SA, Bangladesh Inland Water Transport Authority (BIWTA), Hi-tech Parks Authority, United Nations Office Nairobi, Kenya Agribusiness and Agroindustry Alliance, Municipal Development Fund of Georgia etc.

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GLOBAL PRESENCE

ASIA



India



Bhutan



Sri Lanka



Tajikistan



Qatar



Bahrain



United Arab Emirates



Kingdom of Saudi Arabia



Yemen



Laos



Bangladesh

AFRICA



Ethiopia



Kenya



Uganda



Nigeria



Zambia



Malawi



Rwanda



Cape Verde



The Gambia



Gabon



Burkina Faso



Côte d'Ivoire



Tanzania



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Guinea (Bissau)

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