



ENGINEERING | PLANNING | MONITORING



Quality Consulting.

COMPANY
PROFILE

rgcc

Quality Consulting.



www.rgcivilconsultant.com

INTRODUCTION

ABOUT US

We are an ISO 9001:2015 Certified Infrastructure Engineering and Project Management Consulting Firm, established in 2023 and currently operating from our corporate office from Jharsuguda in India. We are a team of experienced engineers and project managers offering a full range of services from feasibility studies and project management to construction supervision and commissioning.

OUR VISION

To become a world class multinational infrastructure consultant partnering in shaping a better and sustainable future.

OUR MISSION

- At RGCC, our mission is to provide exceptional engineering and project management services that would help our clients achieve their goals.
- We are committed to delivering innovative, cost-effective solutions that cater to the unique needs of each project, while maintaining the highest standards of professionalism, integrity, and ethics.
- We strive to build long-lasting relationships with our clients by providing them with personalized attention, timely communication, and exceptional service.
- Our goal is to become a trusted partner and advisor to our clients, helping them navigate the complex world of infrastructure with confidence and ease.



LEADERSHIP

OUR FOUNDER

As we all know, Construction industry is considered one of the largest contributor any country's economy and growth. The industry was worst affected by the Covid-19 pandemic resulting in slowing down most of the economies.

The pandemic highlighted our slow and inefficient construction practices when the industry struggled with lockdowns and poor health infrastructures. The industry learnt that in order to recoup the country's economy faster, innovative and reliable construction practices need to be followed and adapted.

With this mission in mind, RGCC was established in 2023 to cater to the needs of the evolving construction industry.

We believe RGCC will lead this evolution of the industry with innovative and reliable engineering solutions for its clients and partners.

We adhere to the great words of Sir M. Visveraya -

'To give real service, you must something which cannot be bought or measured with money'

We are confident that our team of skilled and qualified professionals, can deliver quality engineering solutions to the industry.

-Er. Bithnath Pattnaik & Mr. Ramakant Pradhan



WHAT WE DO

OUR SECTORS

- Water Resources
- Environment
- Roads & Highways
- Buildings & Factories
- Bridges
- Railways & Metros
- Power- Solar/Hydro/Wind
- GIS & IT
- Urban Planning

OUR SERVICES

ENGINEERING

Detailed Engineering
Design
Architectural Design
Proof Checking
Design Reviews
Pre-Tender Services

PLANNING

Feasibility Studies
Detailed Project Reports
Construction Project
Planning
Earned Value Analysis
Project Risk Evaluation &
Management

MONITORING

Project Quality Monitoring
Construction Safety
Monitoring
Project Risk Monitoring
Project Budget Monitoring

WATER RESOURCES

Water infrastructure is essential for ensuring that communities have access to safe, clean drinking water, as well as for supporting agriculture, industry, and other economic activities. Effective management of water infrastructure is crucial for addressing challenges such as water scarcity, pollution, and climate change. We at RGCC provide comprehensive consultations in making water infrastructure projects a sustainable effort.

We provide consultancy services in the execution of large scale water infra projects such as Dams, Barrages, Mega Lift Irrigation Schemes, Pumped Water Supply Schemes and other associated structures.

OUR SERVICES

- Feasibility/DPR Studies
- Detailed Engineering Design
- Proof Checking and Design Reviews
- Construction Project Management Services
- Hydrological Planning and Modelling
- Dam Break Analysis and Flood Modelling
- Slope Stability Analysis
- Reservoir Monitoring and Sedimentation Studies
- Dam Health Monitoring & Preparation of EAP



In recent years many environmental projects are being floated across various geographies. Coping with environmental challenges in large scale infrastructure projects have been a major challenge. Understanding the scope and magnitude of these challenges, we have developed reliable, innovative and sustainable solutions.

We offer comprehensive engineering services for Water Treatment Plants, Solid Waste management plants, Sewage Treatment Plants, Ash Ponds etc.

OUR SERVICES

- Feasibility/DPR Studies
- Detailed Engineering Design
- Proof Checking and Design Reviews
- Construction Project Management Services
- Water Bodies Conservation Studies
- Preparation of Environmental Baseline Data
- Hydrological Modelling of Watersheds
- Urban Drainage Modeling



ROADS & HIGHWAYS

A well planned network of roads, highways and expressways have become a basic necessity for the economic development of any region. Roads offer last mile connectivity to the people and is a basic infrastructure for any part of a country.

RGCC, with the help of its expert team and advanced engineering technologies, can deliver best-in class international standard road infrastructure design and other related consultancy services. We can offer services for development, expansion, reconstruction and reconditioning of road infrastructure executed under BOT/HAM/PPP models.

OUR SERVICES

- Feasibility Studies and Conceptual Designs
- Detailed Project Reports
- Detailed Engineering Services
- Design Proof Checking
- Construction Project Management Consultancy
- Lender's Engineering Services
- Traffic Planning and Forecasting Studies
- Road Safety Assessment



BUILDINGS & FACTORIES

Ranging from Commercial to Industrial Buildings, every building requires meticulous planning and design of various services offered by it. We at RGCC offer innovative and reliable solutions to challenges involved in realizing your building projects.

We provide comprehensive Architectural and Engineering services for various types of buildings such as Schools, Hotels, High Rise Residential Buildings, Shopping Centers, Warehouses, Factory Buildings etc.

OUR SERVICES

- Architectural & Structural Design Services
- Feasibility & Detailed Project Reports
- Construction Project Planning and Management
- Construction Supervision & Quality Audit
- Design Proof Checking
- Lender's Engineering Services
- Vetting of Industrial/Commercial Projects



Bridges, Culverts, VUP, Flyovers, ROBs/RUBs, Interchanges are constructed mainly as part of a road infrastructure project or for railways and metros. It provides unhindered flow of vehicular traffic/water/animals in a direction.

We provide comprehensive engineering solutions for bridges including design, execution, project supervision, maintenance and commissioning.

OUR SERVICES

- Feasibility Studies and Conceptual Designs
- Detailed Project Reports
- Detailed Engineering Services
- Design Proof Checking
- Construction Project Management Consultancy
- Lender's Engineering Services
- Hydrological Modeling of Bridges
- Bridge Safety Assessment

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RAILWAYS

Railways are one of the most used and reliable land transport systems when compared to other forms of transport. Railway transport is capable of high levels of passenger and cargo utilization and energy efficiency.

We provide reliable and innovative consultancy services in designing and planning of major railway projects.

OUR SERVICES

- Feasibility Studies and Conceptual Designs
- Detailed Project Reports
- Detailed Engineering Services
- Design Proof Checking
- Construction Project Management Consultancy
- Lender's Engineering Services

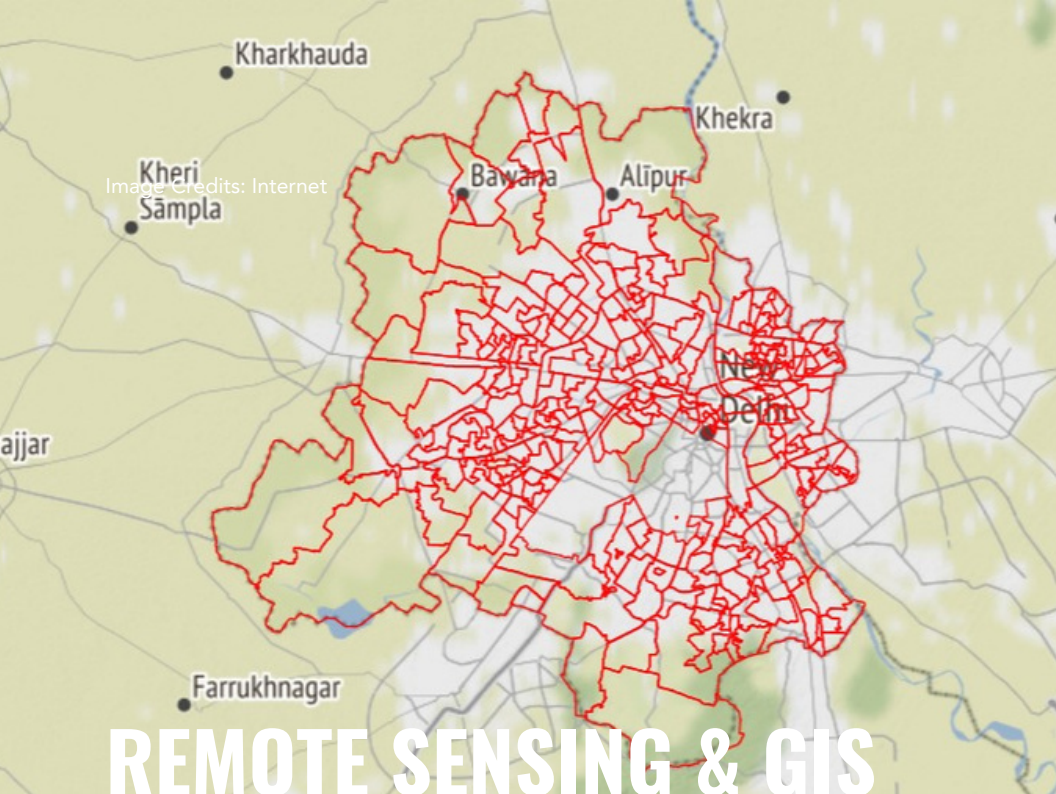


One of the key indicators of developed economies is energy security. Demand for electricity is increasing day by day to fuel our homes, our industries, our schools, our hospitals and many more. In such a scenario, power infrastructure is a critical component of any country's economy.

We provide sustainable energy solutions through our sound and efficient design methodology. Our team has expertise in conducting detailed project reports/ feasibility studies, detailed engineering design and project management.

OUR SERVICES

- Detailed Project Reports
- Pre-Feasibility & Feasibility Studies
- Detailed Engineering Design of Hydel Powerhouses, Electrical Substations, Grids etc.
- Detailed Engineering Design of Solar Power Plants
- Detailed Engineering Design of Electrical Transmission Lines
- Project Management Services



REMOTE SENSING & GIS

With advancement of Space technology, Remote Sensing & GIS applications have increased in recent times. Applications of GIS ranges from Land Surveying, Forest Management, Site Supervision, Agricultural Fields/ Crop Management, Water Resources and Flood Management, Urban Area Planning etc.

We offer wide ranging Geospatial consultancy services for both govt and private projects. Our team is highly skilled in softwares like ArcGIS, QGIS, DHI MIKE Urban, DHI MIKE Flood, ERDAS IMAGINE, EPA SWMM, Bentley WATERGEMS, LISFLOOD etc. to name a few.

OUR SERVICES

- Creation of Thematic Maps from Satellite Imageries.
- Development of Decision Support Systems
- Flood Modelling and Flood Zonation Mapping
- Urban Flood Modeling and Mitigation Strategy Planning
- Hydrological Assessment using GIS
- Crop Quality Assessment and Cropping Analysis
- Urban Governance through GIS portals
- Land Use Planning using HRSI, ETS and DGPS
- Construction Activity Monitoring and Assessment using HRSI
- Environmental Monitoring and Assessment using HRSI



URBAN PLANNING

With cities getting bigger and bigger, proper management of urban spaces and upgradation of urban facilities is necessary. To make cities more livable, smart and sustainable solutions need to be incorporated.

We have delivered many urban infrastructure projects such as Redevelopment and Beautification of Traffic Roundabouts, Design and Development of Community Parks. We offer wide ranging urban solutions involving redevelopment and renovation of community spaces, sewer system planning and inspection, urban flood mitigation plans, urban transport planning, urban facilities design and execution plans.

OUR SERVICES

- Detailed Project Report & Feasibility Studies
- Project Management Consultancy Services (PMC)
- Comprehensive Development Planning and City Development Plans(CDP)
- Slums Redevelopment Master Plan
- Redevelopment/Renovation Plan of Dilapidated Public Spaces
- Urban Flood Mitigation Planning through Scientific modeling
- Mass/Public Transportation System Design/Planning

Our Clientele





CONTACT US :



Call

+91-6370101940



Mail

info@rgcivilconsultant.com



Address

Corporate Office: Jharsuguda, IN



Web Address

www.rgcivilconsultant.com