



AMOGHKTI CONSULTANCY

- Your Blueprint to Quality And Trust -

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About Company

Amoghkti Consultancy is a multidisciplinary engineering and consulting firm delivering end-to-end solutions across **civil, structural, architectural, and water resource management domains**. Founded with a clear focus on **technical accuracy, statutory compliance, and long-term sustainability**, we support clients from concept to execution with the same seriousness expected on critical infrastructure and water-dependent projects.

A key area of our specialization lies in **Water Allocation & Regulatory Approvals, including CGWA NOC, Water Availability Studies, Rain Water Harvesting (RWH) System Planning & Design Hydrogeological Assessments, Electrical Resistivity Tomography (ERT/Tomography Surveys), and Vertical Electrical Sounding (VES) tests**. These studies form the backbone of informed decision-making for **industries, townships, infrastructure projects, and government developments** where water security and compliance are non-negotiable.

We exist to solve one core problem: the gap between **design assumptions, ground reality, and execution**. Many projects fail—not due to lack of intent—but because of inadequate **site investigation, weak hydrogeological data, poor documentation**, and shortcuts in regulatory processes. We step in to bring clarity, structure, and accountability—from subsurface investigation and aquifer assessment to water sourcing strategy, intake finalization, and statutory approvals.

What sets us apart is our integration of **Civil & Structural Engineering with Hydrogeology and modern Technology solutions**. While our foundation remains rooted in traditional engineering principles—**accurate surveys, scientific water assessment, sound structural design, and strict regulatory compliance**—we enhance outcomes through **digital tools, project dashboards, data analytics, and automated reporting systems**. This ensures better control, transparency, and defensible documentation throughout the project lifecycle.

Headquartered in Odisha, we actively serve clients across the state and deliver **CGWA consultancy, water allocation studies, geophysical surveys, and engineering services on a PAN-India basis**. Our team is experienced in handling **government, industrial, commercial, and infrastructure projects** where **water availability, sustainability, and compliance** are critical—irrespective of project scale or location.

At our core, we stand for **precision, reliability, and ethical engineering**—because for us, every water study, every approval, and every drawing is not just a deliverable, but your blueprint to compliance, sustainability, and trust.

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Vision

Our vision is to create projects that are not just built for today, but designed to remain resilient and compliant in the long term. We aim to deliver infrastructure that is structurally sound, scientifically planned, and responsibly executed—supported by reliable water management systems, rainwater harvesting and recharge structures, and sustainable resource planning.

By integrating strong engineering fundamentals with modern digital systems, we enhance visibility, control, and decision-making across the project lifecycle. Our approach supports regulatory compliance, sustainable water use, efficient project management, and long-term value for clients, communities, and stakeholders—without compromising on technical integrity or ground realities.

Mission

Our mission is to deliver engineering and consulting solutions grounded in technical excellence, regulatory discipline, and professional integrity by:

- Upholding uncompromised quality in engineering design, hydrogeological studies, rainwater harvesting systems, and execution support, with documentation that stands up to technical and statutory scrutiny.
- Ensuring full regulatory and statutory compliance, including CGWA norms, water allocation conditions, and applicable central and state approvals, across all stages of the project lifecycle.
- Committing to timely delivery through structured planning, realistic scheduling, and disciplined execution, without sacrificing technical depth or compliance quality.
- Practicing ethical consulting through transparent communication, honest technical assessments, and zero tolerance for shortcuts, assumptions, or data manipulation.

What We Do

ENGINEERING DESIGN & CONSULTANCY



Structural design (RCC & Steel), architectural planning, BIM modelling, quantity estimation, DPR preparation, structural stability certification, and technical consultancy for industrial, commercial, and infrastructure projects.

SURVEY, GIS & INVESTIGATION SERVICES



Topographic survey, DGPS survey, drone survey, road survey for DPR, hydraulic particulars survey, soil investigation, hydrogeological studies, VES, ERT, and GIS-based data analysis.

WATER RESOURCES & HYDROLOGY



Water availability studies, hydrology assessments, groundwater investigations, source feasibility studies, water management plans, water balance studies, and sustainable resource planning.

PIPELINE, ROW & INTAKE INFRASTRUCTURE



Pipeline route finalization, ROW estimation, ROW approvals, scheme of drawal preparation, intake location planning, intake well design, raw water infrastructure planning, and transmission system design.

ENVIRONMENTAL, REGULATORY APPROVALS & COMPLIANCE



Environmental Clearance (EC), Consent to Establish (CTE), Consent to Operate (CTO), CGWA NOC, environmental documentation, compliance reporting, and regulatory coordination.

What We Do

INDUSTRIAL LICENSING & COMPLIANCE



Factory approvals, DFB approvals, Fire Safety NOC, IPICOL project approvals, industrial incentives assistance, statutory documentation, and end-to-end compliance management.

WATER ALLOCATION & REGULATORY FACILITATION



Water Allocation Approval from DoWR, Water Allocation Agreement execution, CGWA NOC facilitation, scheme of drawal documentation, departmental coordination, approval follow-ups, and regulatory support for industrial and infrastructure projects.

LAND, BUILDING & FACTORY APPROVALS



IDCO land allotment and clearance support, BDA building plan approvals, development authority approvals, structural stability certification, land-use compliance, and building permission facilitation.

RAINWATER HARVESTING & RECHARGE SOLUTIONS



Rainwater harvesting design, recharge pit and recharge shaft planning, artificial recharge systems, check dam planning, groundwater recharge solutions, and CGWA compliance-based recharge structures.

TESTING & QUALITY ASSURANCE



Construction material testing, soil testing, concrete testing, laboratory testing, field quality inspections, quality control audits, and technical verification services.

Meet Our Experts



Dr.(Er.) Arun Kumar Padhi

Former Chief Engineer DoWR, Odisha

With over 35 years of distinguished experience in water resource management, Expertise in irrigation planning, execution, and sustainable water solutions across major infrastructure projects.

Er. Ratikanta Sabata

Former Chief Engineer DoWR, Odisha

A veteran with 40+ years of excellence in irrigation planning and execution, Er. Sabat's profound knowledge of large-scale hydraulic structures guides our most complex water resource initiatives.



Er. Badri Narayan Tripathy

Former Superintending Engineer, DoWR Odisha

With 30+ years of experience in DoWR, a proven specialist in structural and irrigation design, known for delivering precise, durable, and field-ready solutions.

Key Water Management Works Executed

Water Availability Studies & Source Feasibility

Preparation of detailed water availability studies based on surface and groundwater assessment, demand estimation, seasonal variation analysis, sustainability criteria, and regulatory norms. These studies have been used for CGWA NOC, DoWR water allocation, CTE, and project planning approvals for industrial, township, and infrastructure projects.

Hydrogeological Investigations (VES & Tomography Surveys)

Execution and interpretation of Vertical Electrical Sounding (VES) and Electrical Resistivity Tomography (ERT/Tomography) surveys to assess subsurface strata, aquifer characteristics, groundwater potential zones, and depth of water-bearing formations. These investigations supported scientifically defensible borewell locations and groundwater source finalization.

Intake Location Planning & Finalization

Technical planning and finalization of surface water intake locations from rivers, canals, reservoirs, and other water bodies based on hydrological conditions, water availability, accessibility, ROW constraints, and regulatory feasibility. This included preparation of layout drawings, coordinates, and justification reports for approval submissions.

Intake Well & Raw Water Infrastructure Design Support

Planning and design support for intake wells, pump houses, raw water pipelines, and allied structures, aligned with hydraulic requirements, site constraints, and approval conditions. Designs were coordinated with water allocation permissions and execution feasibility.

Key Water Management Works Executed

Check Dam & Recharge Structure Planning

Planning and preliminary design of check dams, recharge shafts, percolation pits, and artificial recharge structures aimed at groundwater augmentation and compliance with sustainability and CGWA recharge obligations.

Rain Water Harvesting (RWH) & Artificial Recharge Systems

Design support for rooftop and surface runoff-based rainwater harvesting systems, including recharge pit sizing, recharge shaft planning, and integration with overall site water balance. These systems were developed to meet CGWA norms, local authority requirements, and long-term sustainability goals.

Regulatory & Statutory Support (Water-Focused)

Technical assistance and documentation support for CGWA NOC, Water Allocation (DoWR), and water-related inputs for CTE and Environmental approvals, including water balance calculations, recharge planning, drawings, and compliance reporting.

Our Trusted Partners

We collaborate with proven partners who have delivered water and engineering solutions with us on live projects, reflecting trust, technical strength, and consistent performance.





Let's Work Together

Whether you are planning a new project, facing execution challenges, or need reliable technical support, Amoghkti Consultancy is ready to work with you. We believe in clear communication, practical solutions, and doing things the right way—from the first discussion to final delivery.

If you are looking for a consulting partner who values quality, compliance, and transparency, let's start with a conversation. Share your requirements, and we'll help you define the right approach, scope, and next steps—without unnecessary complexity.

Reach out to us to discuss your project.



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