



EKA INFRA CONSULTANTS



ENABLING INFRASTRUCTURE BUILDING LEGACIES

EKA INFRA VALUE PROPOSITION

Eka Infra drives the planning, design and development of critical infrastructure through a visionary and unconventional approach.

For every project and every client, we offer:

Technical Expertise and Industry Know-how

Our knowledge, skills and methodical project approach help create future-ready, efficient infrastructure that delivers true value and fuels economic growth.

Solutions-focused Approach

A goal-oriented philosophy where challenges don't hinder us but fuel our determination to deliver the best solutions.

Holistic, Tailored Strategy

Our strategies are not generic, but holistic, aspiration-appropriate, and aligned with the client's needs, revenue goals, values, mission and vision.

Focus on Long-Term Sustainability and Resilience

Disaster-resilient infrastructure is an investment in the country's future growth story, and all our designs are geared towards realising it.

Fully Committed from Start to End

We're dedicated to supporting and realising India's infrastructural ambitions with comprehensive skills, services and offerings.

Multi-functional Team, Expert Partner

Our engineers, planners and project managers understand complex projects, minimise risks and deliver successful outcomes.

Employment Generator

We have generated jobs for over 2 lakh people and contributed to India's capacity-building goals with world-class training and skill development.

MISSION

Provide technically holistic solutions and operate globally as professional engineers by adding value to all stakeholders.

We provide holistic & effective Concept to Commissioning Infra services that enable our clients to develop high quality infrastructure across the globe while mitigating risks and continuously improving their productivity

VISION

To be the Engineering Consulting Company for delivering realistic, sustainable, innovative and economically comprehensive solutions.

We generate Transformational ideas by envisioning new ways to combine our Global Engineering & Technological expertise that leads to Sustainable Infrastructure innovation while being economical.

OBJECTIVES

- Technically excellent and professionally ethical
- Enhance capabilities by technology transfer and training
- Responsible towards society
- Loyalty towards all customers
- Always strive to raise our integrity

In an ethical and fair manner, we engage our Core team of Global Specialists to discover sustainable infrastructure solutions and boost client capacities through technology transfer and training.

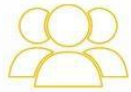
2021

KEY PERFORMANCE INDICATORS



Portfolio

Our services portfolio has doubled since our Inception in 2018.



Professionals

With around 100 professionals, we draw upon a wide range of experience and expertise to provide high-quality and high-value services



Projects

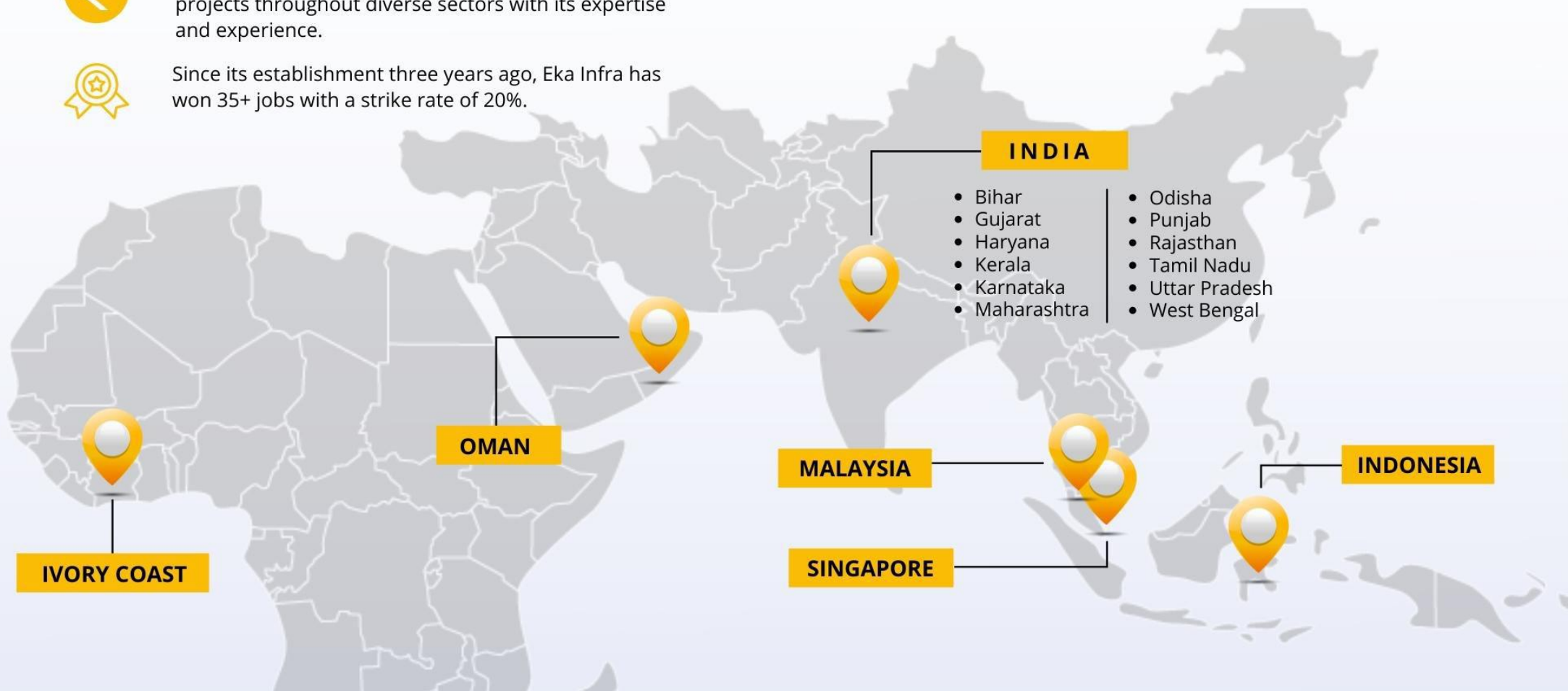
Eka Infra has successfully delivered a number of projects throughout diverse sectors with its expertise and experience.



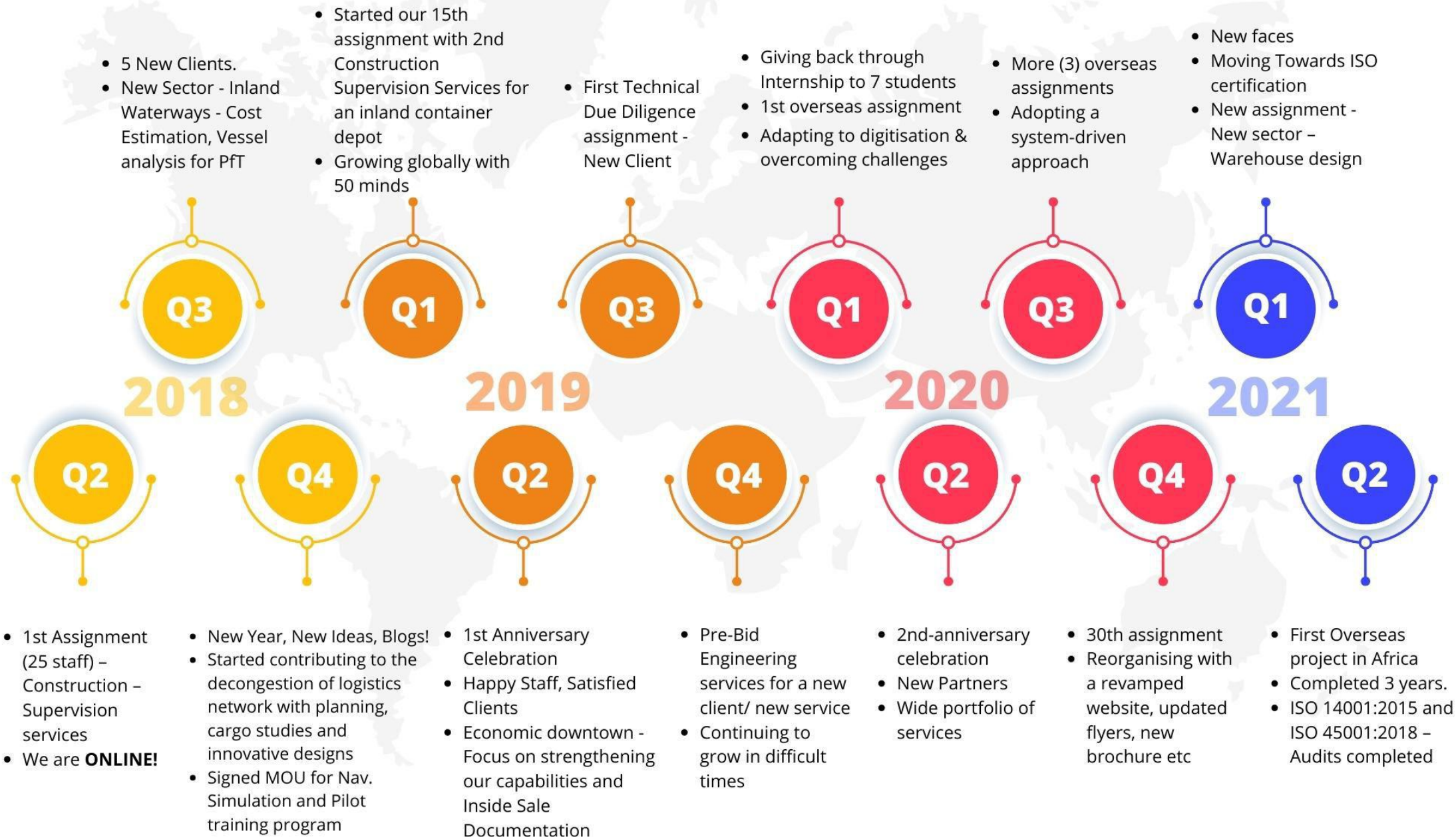
Since its establishment three years ago, Eka Infra has won 35+ jobs with a strike rate of 20%.

GLOBAL PRESENCE - 6 COUNTRIES

Eka Infra now operates in 6 countries. The company's pan-Asian philosophy is a precursor to our global ambitions. We aim to achieve a solid worldwide competitive advantage through our geographically-wide strategic and operational approach. Because of our international locations, we successfully serve clients not only in these markets but also in other markets in North America, Europe, Africa, and Oceania. Thanks to the great diversification in both geography and client base, we are robustly positioned to operate internationally, demonstrate our broad and resilient portfolio, and seamlessly navigate crisis situations.



OUR JOURNEY - MILESTONES



OUR SERVICES

INFRASTRUCTURE IMPROVEMENT PROCESS AND ADVICE

Complex infrastructure projects require unique perspectives, innovative solutions, and a customised approach. Eka Infra is committed to meeting all these needs for every client and every project with scalable, cost-effective improvement processes across the entire infrastructure lifecycle.



AUDIT, DISPUTES AND CLAIMS

Our fully qualified techno-commercial experts provide quality tactical advice within the contractual framework to resolve disputes quickly, practically, economically and without causing any disruption to their business. We specialize in efficiently managing, monitoring, and controlling major developments along with identifying potential risk elements and mitigation factors.



INDEPENDENT ENGINEER (IE)

Our experienced and skilled Independent Engineers (IE) and Lenders Independent Engineers (LIEs) ensure that every infrastructure development project satisfies all planned operational functions and is delivered as per accepted quality standards on time and within budget. They have comprehensive technological, commercial and financial management skills to provide key insights into the lending process, monitor approved projects, and provide an objective progress assessment.





CONSTRUCTION AND OPERATING COST ESTIMATES

We provide precise and timely costing services, including broad level cost estimates, budget/tender estimates, annual estimates, and annual operational/maintenance cost estimates.



PROCUREMENT PROCESS AND CONTRACTING

Our unique procurement and contracting skills are built on a thorough understanding of various project success factors. We support clients with contract preparation, bid advisory, drafting/revising contract documentation, and advisory services for oversight contracts. We also follow a structured process to create and track subcontracts, manage risk and safety, and manage the entire procurement process.



CONSTRUCTION SUPERVISION SERVICES

Our outstanding construction supervision services help minimise execution risks for infrastructure development projects. With our experience in project management, site supervision and HSE management, we help contractors accomplish design and construction objectives, while ensuring maximum procurement efficiency for our clients.



NAVIGATION SIMULATION

Our simulation tools, analytical methods, and technical knowledge enable us to deliver realistic and precise inputs to the design of ports, harbours, and approach channels. Our simulations can highlight constraints, establish, or validate operating limits, analyse hazards, and help establish suitable processes for safe operations.

ENGINEERING DESIGN SERVICES

Holistic solutions combining core engineering design services with technical expertise and operational excellence. We assist our clients at every stage of the development process, from early site surveys to design, construction, and commissioning.



STRATEGIC ADVICE AND MANAGEMENT SUPPORT

Our experienced and skilled Independent Engineers (IE) and Lenders Independent Engineers (LIEs) ensure that every infrastructure development project satisfies all planned operational functions and is delivered as per accepted quality standards on time and within budget. They have comprehensive technological, commercial and financial management skills to provide key insights into the lending process, monitor approved projects, and provide an objective progress assessment.



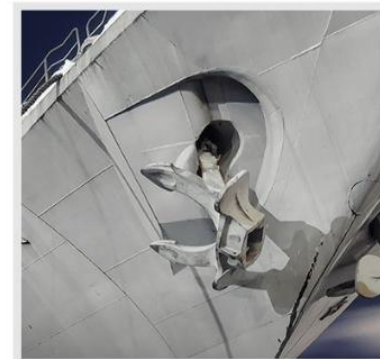
TECHNICAL AND COMMERCIAL DUE DILIGENCE

Our team works closely with banks and financial institutions to investigate the technical and commercial adequacy of infrastructure projects in order to accomplish business targets, earn revenue, and repay debts. Corporate houses, banks and lending institutions benefit from our high-quality and timely support to make informed decisions about their investment and acquisition plans. Focused, project-specific reviews to ensure that every project meets its statutory, design, capacity and CAPEX objectives.



MOORING ANALYSIS SERVICES

Our excellent mooring analysis services support the compliance goals of the vessel and port operations. Our expert onboard panel precisely calculates and models the behavior of moored vessels. We also help clients optimize their maritime facilities to decrease costs, improve marine infrastructure, and boost cargo-handling efficiency.



OUR SECTORS



FLOATING STRUCTURES

Floating structures support myriad transportation, commercial and recreational applications within marine environments. Eka Infra has expertise in planning, designing and developing cost-effective, eco-friendly and sustainable floating structures. Our team of international experts take pride in maintaining the highest quality levels while they develop floating bridges, storage facilities, docks, and other floating structures.



INLAND WATERWAYS

Eka Infra helps build energy-efficient, environment-friendly waterways infrastructure all over the globe. Over the years, our world-class designs, comprehensive research, and thorough preparation have garnered us a reputation as best-in-class results waterways consultants in the industry and country.



LOGISTICS

Our visionary, results-focused approach empowers us to accurately plan and deliver cost-effective, digitally enabled logistics projects that contribute to the nation's economic progress. Even amidst challenges related to new technologies, and rising pressures to maintain key supply chains, Eka Infra delivers value through technical expertise, industry know-how and analytics capabilities.



COASTAL INFRASTRUCTURE

With a proven integrated consultancy/engineering approach, Eka Infra delivers a broad range of coastal and maritime infrastructure solutions for coastal regions all over India and overseas. Our tailored, project-specific services include coastal modeling, project formulation and appreciation, condition assessment, planning and design, construction supervision, and whole-lifecycle asset management.





ECONOMIC ZONES AND BUSINESS PARKS

For every SEZ/Business Park project, Eka Infra delivers advanced business acumen and technical know-how to facilitate logistical growth, international investment, and economic prosperity. We have expertise in every aspect of SEZ development, including conceptual planning, design, development, financing, operations, and maintenance.



METRO

Based on our understanding of low-carbon, high-mobility passenger commute systems, Eka Infra designs ground-breaking metro rail projects to support the nation's mass transit needs. Through robust sustainability strategies, digitization and smart technologies, we engineer and assist in building metro and rail projects that yield whole-life returns, deliver maximum value, and boost urban growth.



RESOURCES AND UTILITIES

Eka Infra effectively addresses the key challenges in the resources/utilities sector by adopting cutting-edge technologies, engineering, and innovative business processes. We build reliable, resilient utility infra solutions that match the needs of the nation, enhancing operational efficiency while lowering maintenance costs, thanks to our extensive industry knowledge and experience.



RAILWAYS

Eka Infra's railways team makes tangible contributions to maintaining the "lifeline of the nation". Our state-of-the-art engineering and design services encompass the entire lifecycle of rail projects, from conception, to design, construction, and operations. Through advanced planning and execution, we help minimise service interruptions, extend the life of assets, and mitigate risk.

ROADS AND HIGHWAYS

On-point project management, effective design and strong controls with respect to cost, scope and schedule – the Eka Infra team brings all this and more to large-scale critical infrastructure projects. We offer integrated consulting services that cover the lifecycle of infra projects for roads, highways and bridges, from planning and design to construction supervision, inspection, and controls.



RENEWABLE ENERGY

In the coming decades, renewable energy will play a key role in the decarbonisation of the energy systems, and in turning back the clock on pollution, sustainability and green living. Our skilled and experienced team of experts investigate, analyse, understand and oversee the installation of high-impact renewable energy systems. We conduct assessments to identify energy consumption and make recommendations for energy and cost-saving solutions that are suited for the client's requirements.



WATER AND ENVIRONMENT

Eka Infra is committed to improving the quality of water and environment infrastructure. Eka Infra helps to build and maintain effective and resilient water infrastructure that is critical to public and environmental health. We offer consultancy services within all aspects of water sector development, climate adaptation and coastal protection. We work with our clients to assess their project's capacity to respond and then implement practical steps to improve their resilience to climate change. Our knowledge and experience assist our clients in managing coastal assets and developing plans for a resilient and sustainable future.



OUR PROJECTS

GOPALPUR, ODISHA

Construction Supervision
Services for Development
Works at Gopalpur Port
(Breakwater, Berth and Approach
trestles, Back up yard, MHS,
Electrical and Utilities, Roads and
Railways)



Gopalpur Port Limited (GPL) signed a Concession Agreement (CA) in September 2006 with the Government of Odisha (GoO) to develop a deep water, all weather, direct berthing port (in phase 2 and 3) at Gopalpur, Orissa. The management of the Port has been taken over by Shapoorji Pallonji Port Maintenance Limited, a group company of Shapoorji Pallonji Group in April 2017.

Eka Infra was appointed by GPL for supervision of the rehabilitation of cyclone-damaged berm breakwaters, rehabilitation and expansion of the port facilities which include the berth and approach trestles, back-up yard, MHS, electrical and utilities, roads and highways. The services rendered by Eka Infra are given as follows:

- Project Management services - project initiation and organizing, engineering coordination to include liaison with design consultants and other service providers, organize meetings, review, and approve documents being submitted by contractors, establishing systems and process, setting out data, preparation of an integrated schedule and quality monitoring
- Quality and progress monitoring – review and interpretation of technical specifications, control, appraise and monitor progress, inspection of establishment for HSE compliance, update stakeholders from time to time, inspect and examine works for substantial completion, review of operations and maintenance manual for onward submission to Client and certification of “as built drawings”
- Assistance with contract negotiations and preparation of final contract documents
- Contract, schedule, and cost management on a regular basis
- Financial control – measurement and recording, interim payment certification, review, verify and recommend variations and claims, full and final payment certification and monitoring statutory and contract securities and ensuring their validity.



LENDERS INDEPENDENT ENGINEER (LIE) SERVICES FOR JSW MANGALORE CONTAINER TERMINAL

JSW Infrastructure Ltd. (JSWIL) is a JSW Group company which is presently into design, finance, development, operation and maintenance of ports, railroad, and inland water connectivity along with terminal handling operations and Port management. JSW Mangalore Container Terminal Private Limited (JSWCTPL), a Special Purpose Company incorporated by JSWIL signed a concession with New Mangalore Port (NMPT) for the Mechanization of Berth no. 14 to handle containers and other cargo on Design, Build, Finance, Operate and Transfer (DBFOT) basis for a period of 30 years.

JSWCTPL has entered into a lending agreement with Axis Bank to finance the project and Axis Bank has therefore commissioned Eka Infra Consultants Private Limited (Eka Infra) as the Lenders Independent Engineer of the project. Eka Infra scope of work and deliverables include:

- Technical Due-Diligence:
 - Review the Concession Agreement and the status of the implementation plan and statutory approvals
 - Submit Technical Due Diligence Report
- Bi-annual report:
 - Review, assist and advise about the progress of work on a half-yearly basis
 - Certification of the capital cost incurred during construction and estimate of expenditure on a half-yearly basis
- Technical Due-Diligence:
 - Confirm the declaration of Commercial Operations Date by the Concessionaire



CONSULTANCY SERVICES FOR CONCEPTUAL DESIGN REPORT FOR NEW PORT AT MALAYSIA

Eka Infra was commissioned by the Client to carry master planning and conceptual design services design for a new port in East Malaysia. The Ultimate Client, the concessionaire for an existing container, break-bulk, dry bulk and passenger handling facility wished to explore the possibility of relocating its facilities and operations to a new site being considered by the Port Authority. The new facilities include:

- container quays and yard to handle up to 200,000TEU/yr.
- quays and storage to handle up to 1.5Mt/yr. of dry bulk cargo
- jetties and tank farm facilities for up to 2Mm3 of bulk liquids
- berths for passenger ferries, RO-RO and RO-Pax ferries and regional cruise vessels
- passenger terminal
- The Works will require extensive dredging and land reclamation.

Services rendered by Eka Infra are as follows:

- Reviewed available information, mainly the reports prepared during previous studies in the region and subsequent data received from Client
- collected additional information from the Client and other secondary sources
- prepared conceptual layout plans for the new port satisfying the operational and functional requirements given by the Client
- submitted Inception Report which chronologically summarise all the previous studies, point out data gaps, propose concept layouts and recommendations
- developed conceptual design and broad layout drawings for the preferred layout options
- developed broad level project implementation plan, Bill of Quantity and capital cost estimate, based on conceptual design developed
- prepared Conceptual Design Report and attended Client/ Ultimate Client Meetings and made presentations including 3D animations of the alternative conceptual layout plans.

OUR CLIENTS

Eka Infra supports numerous world-class companies with best-in-class advisory, consultancy and technical services. Our clients rely on us for our solution focused approach and tailored offerings to streamline the planning, design and development of vital infrastructure projects.



EKA INFRA CONSULTANTS



LET US KNOW


HOW WE CAN ADD VALUE
TO YOUR PROJECTS

We excel in understanding the long-term requirement which helps us and benefit the Client to **"Think big, Start small"**

GET IN TOUCH

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