



Engineers India Limited



***Innovative Construction Solutions
to Optimise Project Cost And Schedules***





Profile

Engineers India Ltd. (EIL) is a leading global engineering consultancy and EPC company. The Company has a diverse portfolio comprising Hydrocarbon, Chemicals & Fertilizers, Mining & Metallurgy, Infrastructure, Water and Waste Management, Solar & Nuclear Power sectors.

EIL has emerged as a ‘Total Solutions’ engineering consultancy company providing design, engineering, procurement, construction and integrated project management services from ‘Concept to Commissioning’ with highest quality and safety standards. It also provides specialist services such as heat and mass transfer equipment design, environmental engineering, specialist materials and maintenance and plant operations and safety services.

EIL has successfully completed all projects, all of which are operating smoothly (in most cases at more than rated capacity), and has, hence, created an array of satisfied

clients. EIL has secured many repeat businesses from its clients which is a sign of client satisfaction, confidence and trust reposed in EIL.



Over the past five decades, EIL has executed more than 5000 projects including over 400 major projects worth USD 200 Billion in "total cost".

EIL has earned the reputation of being a veritable treasure of technical knowledge, skills and professional competence. EIL has worked with almost all process licensors and a large number of engineering/ contracting companies worldwide and our engineers are well versed with international engineering codes and standards. With a workforce of over 3000 experienced employees & a variety of specialised services available under one roof, EIL offers an unique advantage to clients like none other.

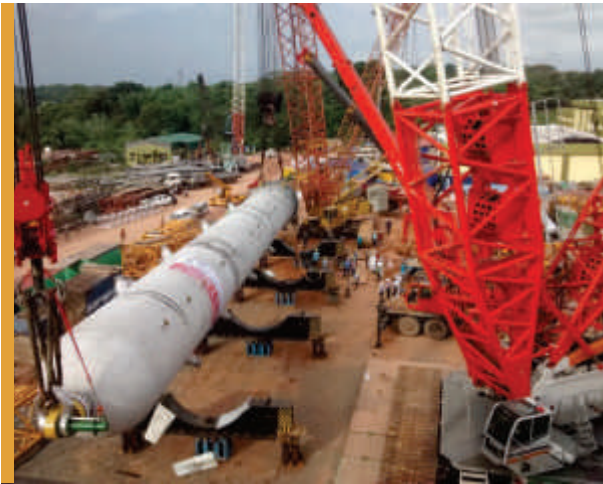
**5.6 million available Technical Manhours annually
9,600 available Construction Management and Supervision Man-months annually**

GLOBAL PRESENCE

| Geographical Regions | Key Countries served |
|----------------------|--|
| Middle East | UAE Bahrain Kuwait Iran Oman Saudi Arabia Qatar Iraq |
| Asia Pacific | Australia Malaysia Indonesia Bangladesh Vietnam |
| Europe | Norway Turkey |
| Africa | Algeria Ghana Kenya Nigeria Angola Sudan Cameroon |

TRACK RECORD

- 72 Major Refinery projects, including 10 Grass root refineries,
- 9 Petrochemical complexes,
- 41 Oil and Gas Processing projects,
- 213 Offshore platforms including 40 process platforms,
- 46 Pipeline projects,
- 13 Ports, Storage & Terminals,
- 9 Fertilizer projects,
- 32 Mining and Metallurgy projects,
- 33 Infrastructure projects (airports, highways, bridges, water management, & energy-efficient intelligent” buildings),
- 23 Turnkey/EPC projects.
- Infrastructure Projects
- Power / Captive Power Projects



Key Strengths

Contracting Strategy & Management

Construction Surveillance QA/QC

Site Inspections Services & Monitoring

Warehouse Management

Construction Studies & ODC Handling

HSE & Risk Management

Construction Audit Services

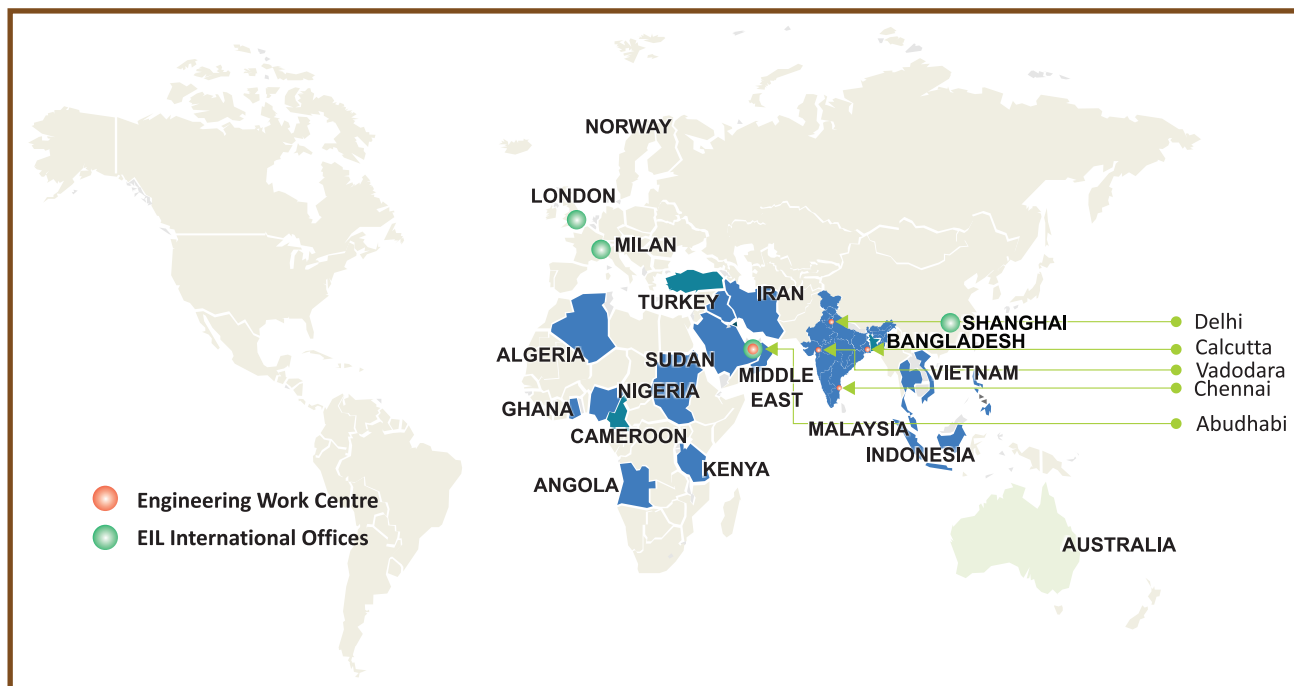
Site Logistics Management

Contractor Data Bank

Constructibility based Engineering



Experience Credentials & Global Presence



Overseas Clients

MIDDLE EAST

ADNOC, ADMA OPCO, GASCO, TAKREER, ADCO, ZADCO, BOROUGE, BUNDUQ, NPCC, ADGAS, BANAGAS, BAPCO, ALBA, KNPC, EQUATE, PIC, NPC, ORPIC, SAUDI ARAMCO, SABIC

ASIA

PETRONAS, WIKA, PAU, TPAO, BCIC

AFRICA

SONATRACH, BOST, KPRL, DANGOTE, INDORAMA, SONANGOL, SUDAPET, WNPOC, HYDROMINE GLOBAL MINERALS GMBH Ltd.

INDIA



INTERNATIONAL



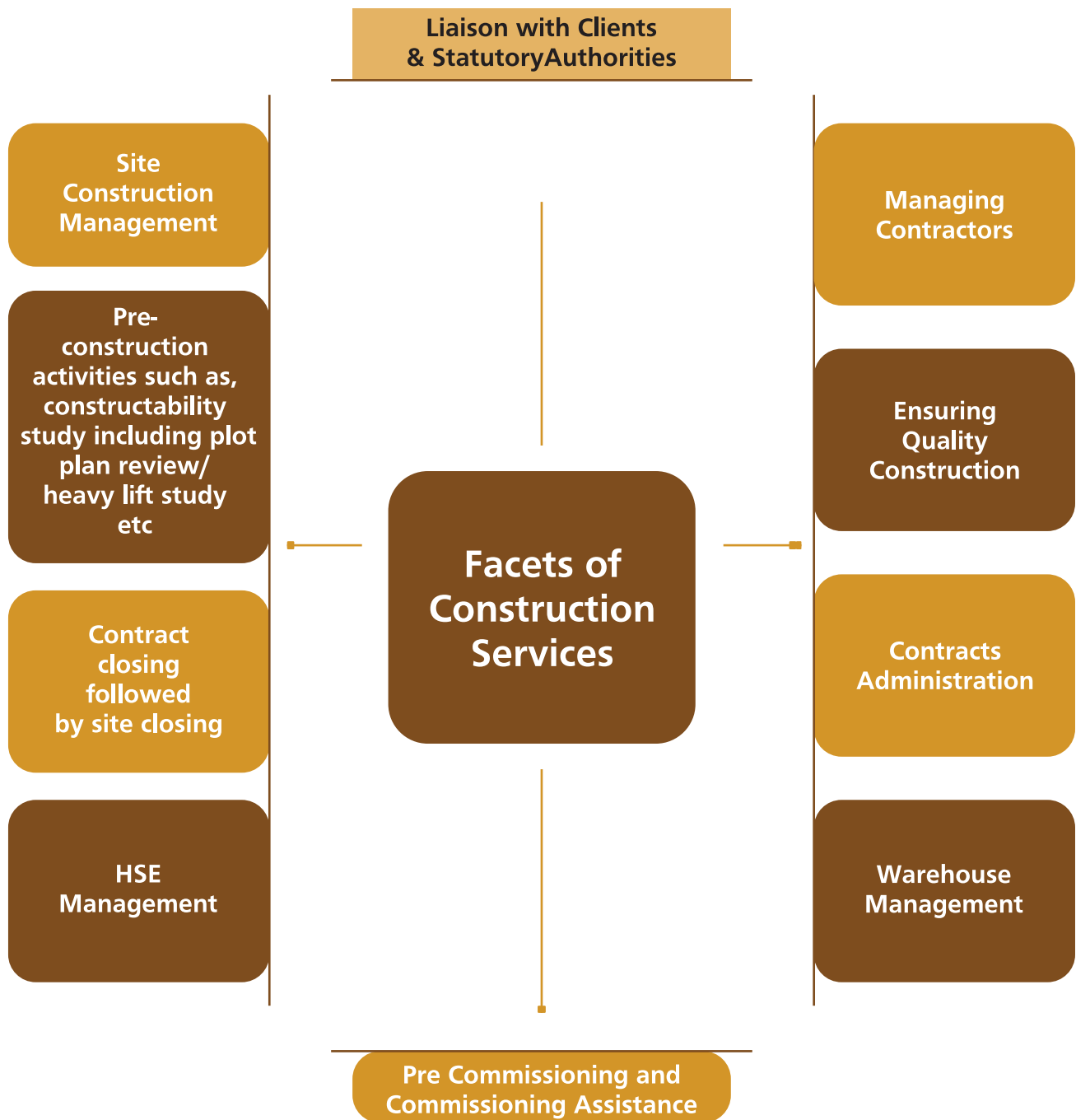


Engineers India has Right Solutions

Constructions Management Services

For more than five decades, EIL's 500 plus strong construction arm has been engaged in providing Construction Management Services encompassing all aspects of construction for all types of Projects worldwide. The construction management team evolves focused construction strategy in the conceptual stages of the Project which includes detailed constructability studies, ODC surveys and hard stand planning. Robust construction planning and sequencing is under focus right from outset. Construction quality plan is prepared for ensuring quality construction work in line with reference codes and drawings. The team proactively ensures smooth coordination with team engineering located at respective work centre. Smooth and unhampered transition from construction to operations is bedrock of entire range of construction activities taken up by the EIL Construction team.

Facets of Construction Services



- ❑ Construction Services provided - An impressive track record of achievements to client satisfaction.
- ❑ Vast knowledge base for the benefit of our clients.
- ❑ Innovative construction techniques are used to minimize construction schedule and costs across project sites.
- ❑ HSE management system consists of proven specifications, standards and procedures taking into consideration the wide range of experience gained during Construction execution over Five decades.
- ❑ Member of The British Safety Council, U.K. (Membership No. is S0390993) and National Safety Council (Membership no is CM-DLI-225)
- ❑ Accredited with OHSAS 18001 and ISO 14001 certification.

Construction Driven Engineering Approach

Focus on Enabling Works for Smooth Construction Approach

Extensive Mechanization

Construction Driven Engineering from Concept to Commissioning

Concurrent Engineering to Optimize Project Schedules

**Proactive Approach towards Material & Drawing Management
for Uninterrupted Construction**

**Early Planning of Heavy Lifts, Rigging Schemes and
planning of Hard Stands**

**Fast Track Planning & drawing release for all Underground
Piping & Other Facilities**

Bolted Structural Design to facilitate Modularisation.

Prefabricated Spools to minimize Site Works

Dressed Up Columns for Schedule Gains

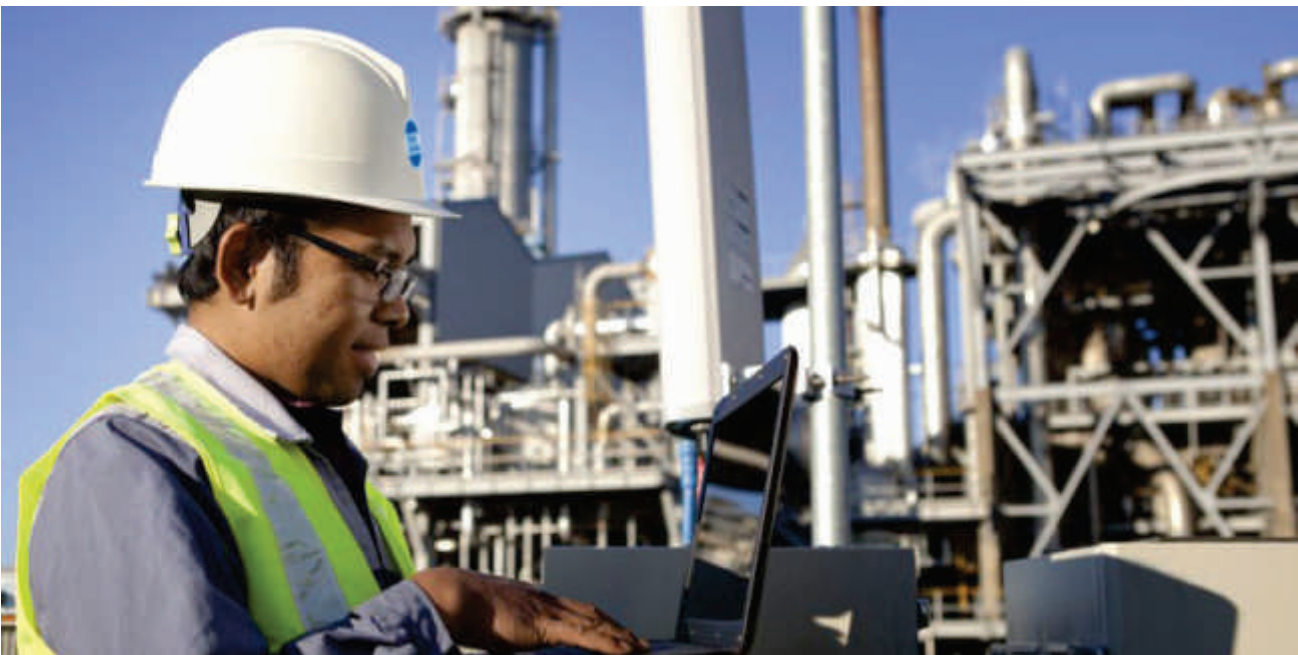
Modern NDT Techniques for Better Quality Assurance Control

**Foundation Field Bus & Optical Fibre Connects to minimize
construction cabling work**

3D Model Based Construction Monitoring & Management

On-site Engineering Solution Through Field Engineering

Spool Management & PMI techniques for trouble free Construction





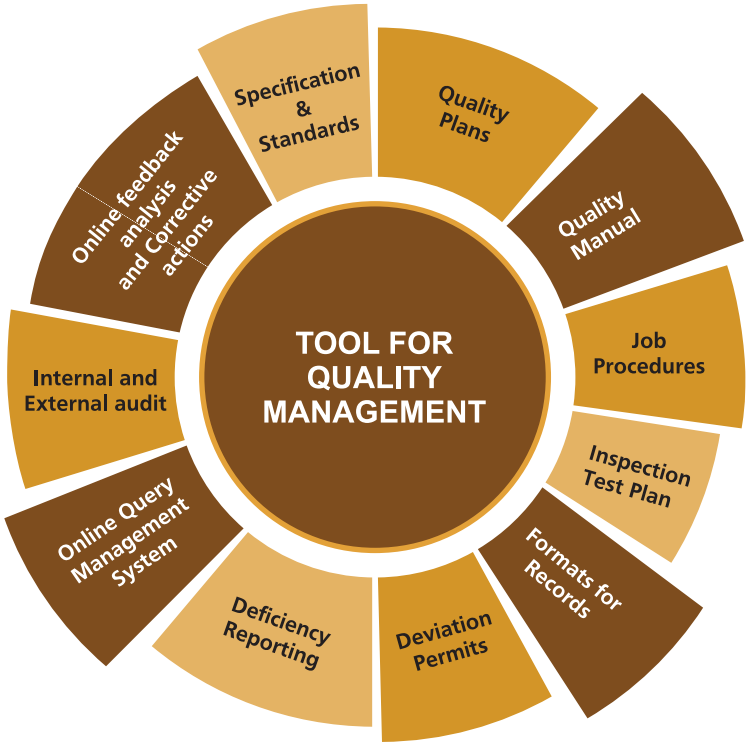
Construction Quality Plan

A well-defined and robust Quality Management System (QMS) for all functions and areas of operations is in place. The quality plan covers the following objectives of a project site.

- ❑ Delivery of services/deliverables on schedule as per contract.
- ❑ Achieve full customer satisfaction on all Quality parameters.
- ❑ A well-documented Quality system conforming to ISO 9001-2008.

Construction QA/QC

- ❑ QA/QC during Material receipt & Warehouse Management.
- ❑ QA/QC during Erection & Installation
- ❑ QA/QC during Site fabrication
- ❑ QA/QC during Post erection NDT/ Lab Testing etc.
- ❑ QA/QC during Pre - commissioning & Mechanical Completion



Unique Accomplishments

Largest single heavy lift done for C3 Column, height - 125 meter, erection weight-1385 MT at OPAL Dahej, India.

Asia's largest Gas Processing Unit in a single stream, at Vijaipur.

Highest monthly excavation of 1.21 Lakhs m3 in India through single agency at Strategic Storage Project Mangalore, India.

Highest monthly concreting of 27500 m3 at GGSRL Bhatinda (Guru Govind Singh Refinery), India

Piping fabrication works at site with monthly of upto 2,80,000 ID at GGSRL Bhatinda (Guru Govind Singh Refinery), India

Single largest piece heavy erection of integrated subsea PLEM weighing (480 MT) in Indian Offshore industry at Paradeep.



Appreciation Certificates

Received appreciation certificates from our delighted clients for achieving LTA free man-hours at project sites located across India & Abroad.

- ❑ 81.86 Million LTA Free Man-hours at PREP Panipat, India
- ❑ 80 Million LTA Free Man-hours at PNCP Panipat, India
- ❑ 75 Million LTA Free Man-hours at BCPL Lepetkata, India
- ❑ 60 Million LTA Free Man-hours at Skidda Algeria, India
- ❑ 50 Million LTA Free Man-hours at GAIL PC-II Pata, India
- ❑ 50 Million LTA Free Man-hours at OPAL Dahej, India
- ❑ 48.3 Million LTA Free Man-hours at MRPL Mangalore, India

Corporate Office

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Delivering Excellence through People