LASA
ENGINEERING SOLUTIONS

COMPANY PROFILE
NEW DELHI · INDIA



Building the industrial future with precision.

SPECIALISED IN THE ETHANOL INDUSTRY

Engineering Design · Project Management Consultancy · Piping Fabrication · 3D Modeling · Turnkey Construction · Interior Design

WEBSITE
www.lasaconstruction.in

PHONE / WHATSAPP
+91 70175 07714

HEAD OFFICE
Saket, New Delhi



01 ABOUT US

One partner, from the first drawing to final handover.

LASA Engineering is a New Delhi based engineering and construction company, specialised in the ethanol industry and serving industrial and commercial clients across India.

We offer engineering design, project management consultancy (PMC), piping fabrication, 3D modeling, turnkey construction and interior design. With design, modeling, fabrication and site work under one roof, decisions are faster, responsibility is clear, and what gets built matches what was designed.

AT A GLANCE

HEAD OFFICE
Saket, New Delhi

SPECIALISATION
Ethanol industry

PROJECT TYPES
Industrial plants, storage, structural steel, commercial

01

Value maximization through upgraded technology

02

Efficient utilities

> **Customer satisfaction is the true benchmark of our success.**

OUR VISION

A trusted engineering and construction partner for India's industrial growth.

OUR MISSION

Every project on time, within budget and to the agreed quality, safely.

OUR VALUES

Quality in every detail, safety on every site, honesty with every client.

02 WHAT WE DO

Six services. One accountable team.

Engage us for a single discipline, or for complete delivery from design to handover.

Engineering Design 01

Detailed engineering for industrial plants and civil projects by our in-house team.

- Plant layouts
- Process design
- Structural calculations
- MEP engineering

Project Management Consultancy 02

Independent supervision that keeps your project on time, on budget and to specification.

- Site supervision
- Schedule & budget
- Contractor coordination
- QA & compliance

Piping Fabrication 03

Fabrication, erection and testing of piping systems for process plants.

- Plant piping systems
- Spool fabrication
- Pressure vessel piping
- Assembly & testing

3D Modeling & Visualization 04

Detailed 3D plant models that catch design clashes before work starts at site.

- PDMS / SP3D
- Clash detection
- BIM coordination
- Digital walkthroughs

Turnkey Construction 05

Complete civil and structural execution, from foundation to handover.

- Civil & structural
- Industrial plants
- Commercial buildings
- Infrastructure

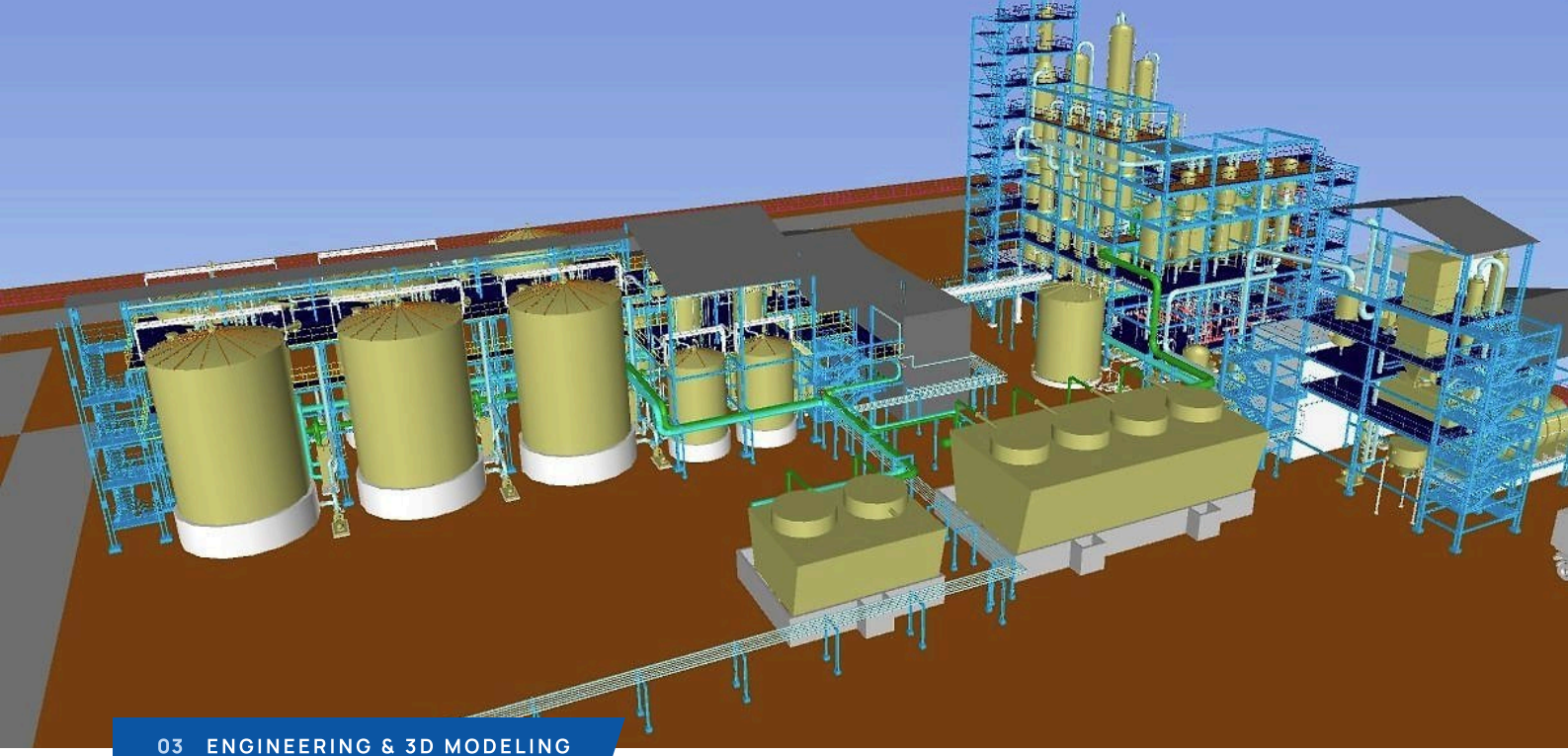
Interior Design 06

Functional, modern interiors for corporate offices and administrative buildings.

- Corporate offices
- Admin facilities
- Executive boardrooms
- Architectural spaces

COMPLETE PROJECT DELIVERY

01 Concept & scope → 02 Engineering design → 03 3D model & BIM → 04 Fabrication → 05 Construction & PMC → 06 Handover



03 ENGINEERING & 3D MODELING

Design it right in 3D. Build it right at site.

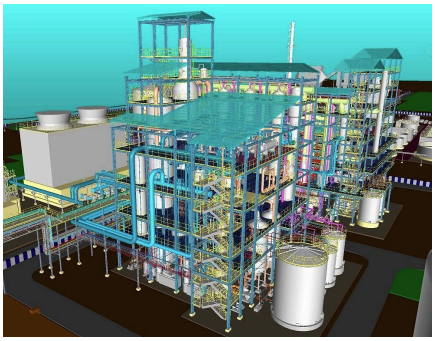
Our engineers prepare plant layouts, structural calculations, process design and MEP engineering for industrial and civil projects.

Every plant is modeled in 3D using **PDMS / SP3D**. Piping, equipment and steel are checked together, so clashes are solved on screen, not at site. Clients can walk through the plant digitally and approve the design early.

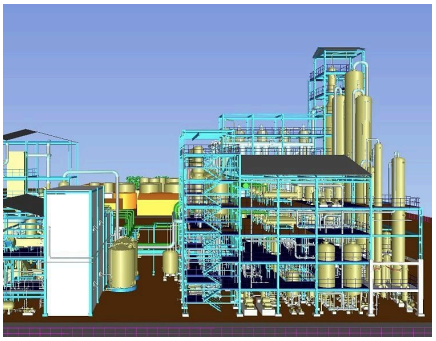
The result: less rework, fewer delays and a smoother fabrication and erection schedule.

WHAT WE DELIVER

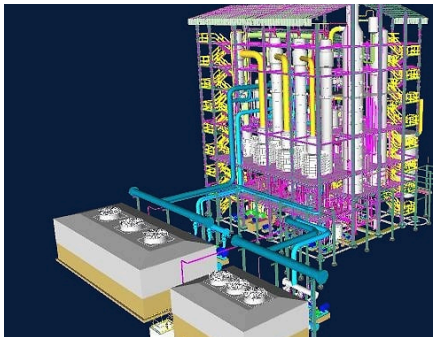
- ✓ Plant layouts & equipment arrangement
- ✓ Structural engineering calculations
- ✓ Process & MEP design
- ✓ 3D piping models in PDMS / SP3D
- ✓ BIM coordination & clash detection
- ✓ Digital walkthroughs



Process structure. Equipment and platforms checked together.



Plant elevation. Full plant layout including logistics.



Piping & cooling system. Modeled in PDMS / SP3D.

Clashes solved on screen, not at site.

Real work, delivered at site.



02 · CONSTRUCTION

Industrial Storage Silo Complex

Grain storage silos with overhead conveyor and material handling systems.



01 · Industrial Plant Facility

PROCESS PLANT

Complete industrial plant with PEB structures, storage silos and process piping.



03 · Structural Steel Framework

STRUCTURAL STEEL

Multi-storey steel structure with platforms, staircases and column supports.



04 · Storage Tank Installation

TANK FARM

Industrial tank farm with safety guardrails and monitoring systems.



05 · PEB Shed & Material Handling

PEB & MATERIAL HANDLING

Pre-engineered building with silo, bucket elevator and dust collection.

A clear process. No surprises.

01
Consultation & scope
We understand your requirements, timeline and budget, and agree a clear scope of work.

02
Design & engineering
Detailed engineering, 3D modeling, structural calculations and project planning.

03
Execution & PMC
Construction at site with project management, quality assurance and safety oversight.

04
Delivery & handover
Inspection, testing, commissioning, documentation and handover to the client.



PROJECT MANAGEMENT CONSULTANCY

Your representative at site.

As PMC, we supervise contractors, track cost and progress against the plan, and make sure the work meets the approved drawings, specifications and regulations.

- Site supervision
- Contractor coordination
- Schedule tracking
- Budget control
- Quality assurance
- Regulatory compliance

HEALTH, SAFETY & QUALITY

Safety first, quality at every stage.

HSE on every site
Health, safety and environment standards at all project sites.

Quality at each stage
Quality assurance from design through to commissioning.

Transparent reporting
Regular progress reports, so you always know where things stand.

Code compliance
Work to applicable Indian construction codes and regulations.

Why clients choose LASA.

01

End-to-end delivery

Design, PMC, fabrication and construction by one accountable team.

02

Ethanol industry specialists

Specialised in the ethanol industry, alongside process plants, storage, structural steel and commercial spaces.

03

In-house engineering

Structural, process and MEP design done by our own engineers.

04

Advanced 3D & BIM

Clash-free 3D models in PDMS / SP3D before work begins at site.

05

HSE & quality compliance

Safety-first sites and documented quality checks at every stage.

06

Customer satisfaction first

We measure our success by how satisfied our customers are.



SECTORS WE SERVE

Ethanol industry Our specialisation	Process & industrial plants	Grain storage & material handling	Tank farms & utilities	Structural steel & PEB	Commercial & corporate

WHAT OUR CLIENTS SAY

LASA Engineering Solutions provided exceptional Project Management Consultancy and Engineering Design services for our project. Their team demonstrated deep technical knowledge, maintained rigorous quality standards, and delivered results that met our specifications precisely.

Essen Construction PMC & engineering design client



Let's build your next project together.

Planning an ethanol plant, an industrial facility or a commercial project, or need PMC and engineering design support? Talk to our team.

PHONE / WHATSAPP
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HEAD OFFICE
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Website

WhatsApp

WHAT HAPPENS NEXT

1. Call or WhatsApp
Share your project and its requirements.

2. We understand
Scope, timeline and budget are discussed.

3. Clear proposal
Scope of work and quotation for your project.

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