

Precast Control Room 05, BPCL Bina Refinery Expansion Project, Madhya Pradesh · October 2026

HINDYUG

Industrial Infrastructure & Project Execution

Engineering-led delivery across precast construction, industrial civil and structural works, and specialised EPC packages.

COMPANY PROFILE 2026

Hindyug Export House Private Limited
Kolkata, India

Hindyug at a Glance

01 We understand industrial projects

Engineering, documentation and interface requirements of EPC and PSU-linked work.

02 We have executed on a live refinery site

Precast Control Room 05 at the BPCL Bina Refinery expansion. Precast erection completed October 2026.

03 We are structured to take defined packages

Core precast capability, managed specialist execution and partner-led trades under one contract.

LEGAL ENTITY

Hindyug Export House Pvt. Ltd.

INCORPORATED

March 2024, Kolkata

EXECUTED REFERENCE

BPCL Bina Refinery, Control Room 05

AWARDED PROJECT

L&T, STP buildings, Nellore (Oct 2026)

VENDOR REGISTRATIONS

L&T · Essar Constructions India · Jindal Steel

One Legal Entity, a Clear Operating Model

LEGAL ENTITY

Hindyug Export House Private Limited

Contracting entity · CIN U46100WB2024PTC269259 · Kolkata

BRAND

Hindyug

Corporate brand used across the company's activities

BUSINESS VERTICALS

Hindyug Precast Construction · Industrial Execution

Precast design-build-execute, and industrial civil, structural and subcontract packages

OPERATING MODEL

A lean core team leads commercial management, engineering coordination and project control. Specialist design partners and execution contractors are engaged project by project, under Hindyug's planning, documentation and quality procedures.

PROJECT FOOTPRINT

Bina, Madhya Pradesh
Refinery precast package, executed

Nellore, Andhra Pradesh
STP buildings, awarded

Kolkata, West Bengal
Head office

CORE CAPABILITIES

Four Areas of Delivery

Precast Design-Build-Execute

- Element design coordination
- Moulds and casting yards
- Casting, erection, grouting

Proven reference

Industrial Civil & Structural Works

- Industrial buildings
- Foundations and trenches
- Structural steel and PEB

Offered capability

Specialised Industrial Subcontracting

- Defined trade packages
- Qualified specialist partners
- Hindyug QA and reporting

Offered capability

Engineering & Project Coordination

- Constructability reviews
- BOQ and proposals
- Interface and document control

Offered capability

DELIVERY MODEL

What Hindyug Controls, Manages and Coordinates

A	**Core capability**	HINDYUG CONTROLS	Precast project management, production planning, mould coordination, engineering coordination, element scheduling, erection planning and project documentation.
B	**Managed execution**	HINDYUG MANAGES	Civil and structural works, industrial buildings, fabrication and erection, foundations, formwork and selected finishing, through qualified specialists.
C	**Partner-led packages**	HINDYUG COORDINATES	Mechanical, electrical, piping, instrumentation, HVAC, fire protection, transmission and telecom, through appropriately qualified partners.

Hindyug undertakes defined work packages and coordinates the engineering, specialist contractors, resources and interfaces they require, under an agreed contractual scope.

FOR EPC CONTRACTORS

How Hindyug Supports Main Contractors

01 Defined package ownership

One accountable lead for an agreed scope.

02 Flexible engagement

Supply only, execution only or design-build.

03 Specialist partners

Engineering and execution partners engaged per project.

04 Mobilisation planning

Resources, yard and equipment planned project by project.

05 On-site precast production

Casting yards set up within the site where feasible.

06 Client-team coordination

Works with client engineering, QA and HSE teams.

07 Documentation and tracking

Element-level schedules, registers and progress reports.

08 Commercial flexibility

Structured around scope, milestones and payment terms.

PROJECT DELIVERY PROCESS

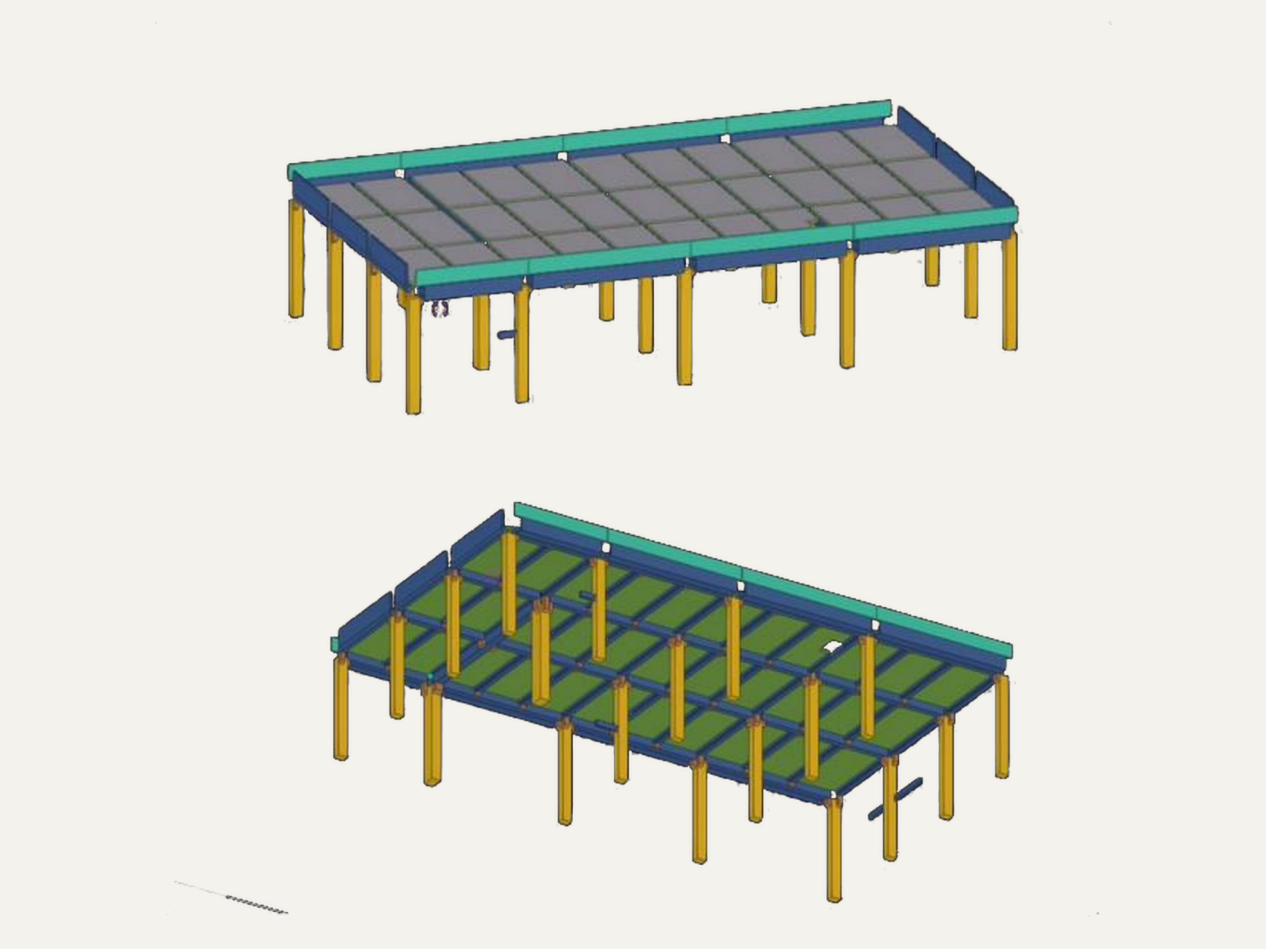
From Enquiry to Handover in Twelve Steps

Pre-contract: steps 1–6 | Execution: steps 7–10 | Close-out: steps 11–12

1. **Scope understanding**
2. **Site and technical evaluation**
3. **Constructability review**
4. **BOQ and techno-commercial proposal**
5. **Resource and partner planning**
6. **Contract and milestone alignment**
7. **Design approval**
8. **Procurement and mobilisation**
9. **Production and execution**
10. **Inspection and testing**
11. **Billing and certification**
12. **Completion and handover**

One project lead coordinates client engineers, consultants, main contractors and specialist partners at every step.

Every Element Modelled Before It Is Cast



Structural models prepared for Bina Control Room 05: frame and slab layout

Element schedule

Each column, beam, slab and parapet numbered, sized and sequenced.

Shop drawings

Reinforcement, lifting inserts and connections, issued for client approval.

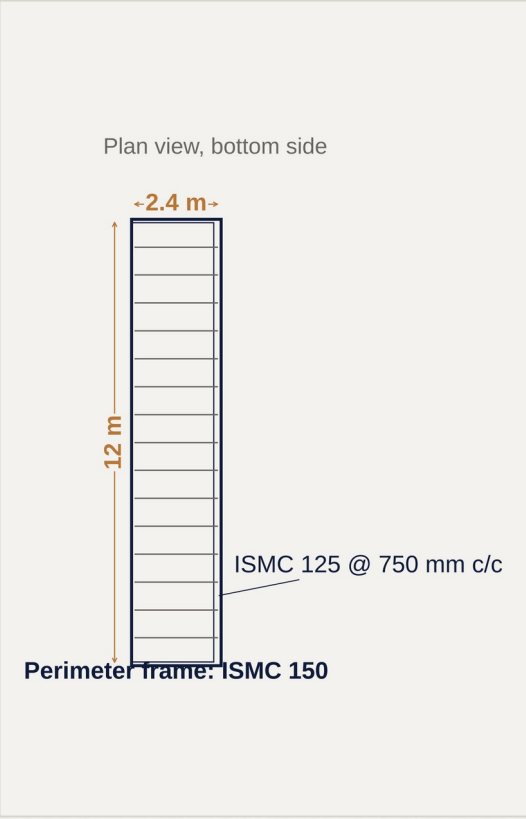
Mould design

Steel casting tables and shutters engineered for repeat use.

Lifting and erection plan

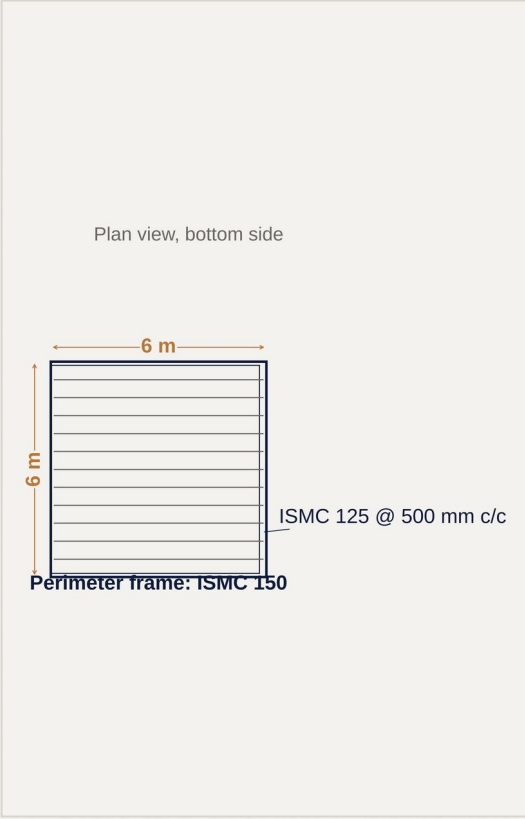
Crane position, slings and temporary bracing planned per element.

Casting Tables and Moulds Designed In-House



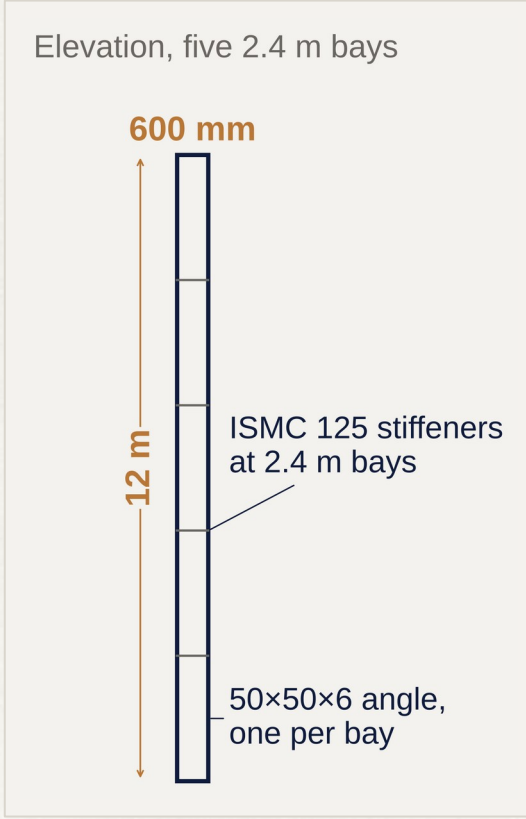
Column casting table

12 m × 2.4 m · ISMC 150 frame



Slab casting table

6 m × 6 m · ISMC 125 at 500 mm



Column shuttering mould

12 m · 600 mm · five bays



Formwork and beam moulds, Bina yard

Drawings redrawn from Hindyug sketches. Not to scale.

Controlled Lifting, Checked at Every Step



Beam placement, Bina, September 2026

1. **Survey**
   Grid lines, pedestal levels and anchor positions verified.

2. **Columns**
   Lifted on approved anchors, plumbed, braced and grouted.

3. **Beams**
   Seated on column heads with tag-line control.

4. **Slabs and parapets**
   Placed and levelled to drawing.

5. **Joints and inspection**
   Non-shrink grout, tolerance checks and records.

Mobile crane · web slings · tag lines · temporary bracing · total station · non-shrink grout

PRECAST PRODUCT PORTFOLIO

Four Product Families

Structural Precast

- Columns and beams
- Solid and hollow-core slabs
- Staircases
- Load-bearing and cladding walls
- Parapet walls

Delivered at Bina

Industrial Utility Precast

- Cable trenches and covers
- Chambers and pits
- Drainage channels
- Equipment bases
- Utility enclosures

Infrastructure Precast

- Box culverts and headwalls
- Kerbs and crash barriers
- Saucer and U-drains
- Stormwater systems
- Boundary walls and pavers

Custom Engineered Precast

- Project-specific moulds
- Repetitive industrial elements
- Control-room components
- Bespoke assemblies

SECTOR CAPABILITY MATRIX

Where Hindyug Can Deliver

Oil, gas and petrochemicals

Reference: Bina

Control rooms, utility buildings, pipe-rack foundations, equipment pedestals, trenches

Steel and metals

Industrial buildings, workshops, equipment bases, cable trenches, drainage

Power and transmission

Control and relay buildings, substation structures, equipment foundations

Data centres

Utility buildings, electrical rooms, equipment bases, cable trenches

Solar and renewables

Inverter and transformer enclosures, equipment foundations, boundary walls

Water and wastewater

Awarded: L&T

Blower buildings, pump houses, STP buildings, chambers and drains

Manufacturing and logistics

Production support buildings, warehouses, workshops, utility infrastructure

Mining and infrastructure

Culverts, drains, retaining structures, ancillary buildings

Packages shown are capability offerings and target markets. Completed experience is limited to the references marked.

EXECUTION NETWORK

Trades Organised by Delivery Category

A · CORE CAPABILITY

Hindyug controls

- Precast production planning
- Mould and formwork
- Rebar cutting and fixing
- Casting and curing
- Erection and grouting
- Project documentation

B · MANAGED EXECUTION

Through qualified specialists

- Civil works and foundations
- Piling and earthwork
- Structural steel and PEB
- Industrial flooring
- Waterproofing and coatings
- Roads and drainage

C · PARTNER-LED PACKAGES

Through qualified partners

- Mechanical and piping
- Electrical and instrumentation
- HVAC and fire protection
- Transmission and substations
- Cable laying and telecom
- Solar works

Every category follows Hindyug’s planning, documentation, QA/QC and safety procedures under one contract.



CASE STUDY 01

Control Room 05, BPCL Bina Refinery

Precast erection completed October 2026 · closure works in progress

21	51	34	14
columns	beams	slabs	parapets

Project Chain and Contractual Position



PROJECT	Bina Petrochemical and Refinery Expansion Project (BPREP), Bina, Madhya Pradesh
PROGRAMME	BPCL expansion programme; about ₹49,000 crore approved in 2023. Programme value, not Hindyug's package.
HINDYUG PACKAGE	Design-build precast structure for Control Room 05, about 11,500 sq ft
CONTRACT	Work order issued by Kumar Infratech & Constructions Pvt. Ltd., July 2025
INTERFACES	Quality to the EIL and BPCL Engineer-in-Charge; coordination with the EIL Gurugram office

What Hindyug Produced and Erected

21	51	34	14	120
precast columns	precast beams	solid slabs	parapet walls	elements in total

EXECUTED QUANTITIES

Precast production	**190 m³**
Precast erection with grouting	**190 m³**
TMT reinforcement	**≈ 27 MT**
Formwork fabrication (moulds, tables)	**≈ 26 MT**

As reported by the project team, October 2026.

ELEMENT DATA

- Columns: 600 × 500 and 900 × 600 mm
- Beams: 5.4 m to 10.7 m long
- Slabs: 5.6–5.7 m × 2.55–2.85 m
- Defect liability: 12 months

A Casting Yard Inside the Refinery



Precast slab on the casting bed



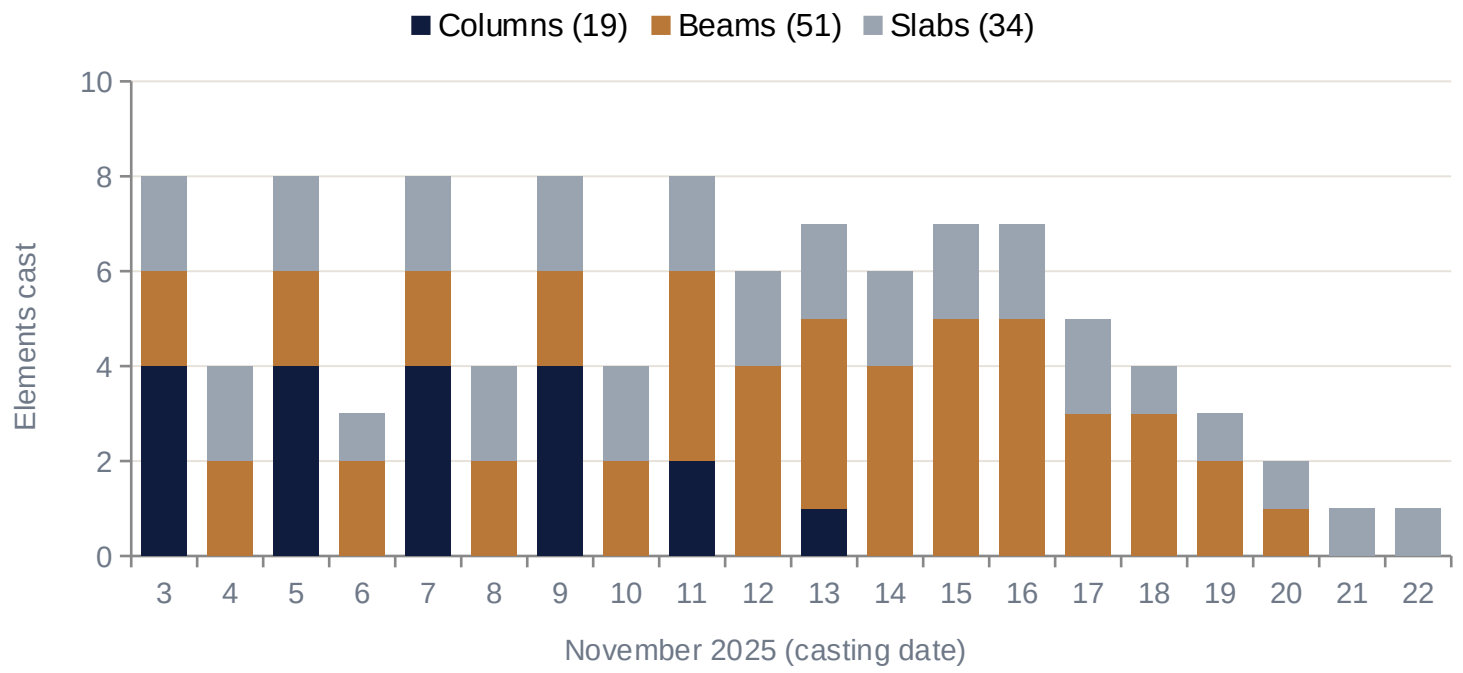
Cast elements in the yard



Elements curing before lifting

Mould set-up → **Rebar fixing** → **Casting** → **Curing** → **Stacking**

Casting Schedule, November 2025



Elements cast per day, 3–22 November 2025, from the project casting schedule.

Source: Hindyug casting schedule (beam, column and slab sheets).

RECONCILIATION

The schedule extract lists 104 of the 120 elements: 51 beams, 34 slabs and 19 of 21 columns. Parapet walls and two columns are not in the extract.

20
days, first to last casting

8
peak elements cast in one day

Beams Lifted onto Precast Columns, September 2026



Beam lift by mobile crane



Beam rising to column height



Frame taking shape

The Completed Precast Frame



Front elevation: columns, beams and parapet walls in place



Long elevation



Finishing works under way, 31 October 2026

Where the Project Stands and What It Demonstrates

Jul 2025	Nov 2025	Sep 2026	Oct 2026	Oct 2026	Next
Work order issued	Casting programme	Crane erection	Precast erection completed	Joint concreting and screed	Final handover

Status as of 31 October 2026: precast erection complete; closure works under way. Handover will be reported once formally recorded.

CAPABILITY DEMONSTRATED

Live refinery site

Work inside an operating BPCL refinery under EIL and BPCL quality control.

In-house mould engineering

Casting tables and shutters designed and fabricated for the project.

Element-level planning

Every element scheduled, cast and tracked against the programme.

Heavy precast lifts

Beams up to 10.7 m erected by mobile crane with controlled rigging.

CASE STUDY 02 | AWARDED PROJECT

L&T Construction: STP Buildings, Nellore

Larsen & Toubro Limited, L&T Construction

Precast casting and erection of the Blower building and the Administration building, sewage treatment plant, Nellore underground drainage scheme (Job LE160315), Andhra Pradesh.

PROJECT STATUS

Work order	Awarded, 10 October 2026
Performance bank guarantee	Issued, 26 October 2026
Engineering and planning	In progress
Mobilisation	Upcoming
Casting and erection	Upcoming

Applying the Bina Method at Nellore

01

Engineering and approvals

Element schedule, shop drawings and erection plan submitted to L&T for approval.

02

Casting yard set-up

Moulds, casting beds and curing arranged at or near the site.

03

Production

Element-by-element casting with cube, slump and dimensional checks.

04

Erection and grouting

Crane erection, alignment and joint grouting to an agreed sequence.

Quality documentation, inspection records and progress reporting are aligned with L&T’s project procedures throughout.

Relationships, Precisely Labelled

AWARDED WORK ORDER

Larsen & Toubro

STP buildings, Nellore. Work order, October 2026.

EXECUTED PROJECT: BINA REFINERY, CONTROL ROOM 05

Owner	PMC	Main contractor (contracting party)
Bharat Petroleum	EIL	KUMAR INFRATECH & CONSTRUCTIONS PVT. LTD.

VENDOR REGISTRATIONS

L&T · Essar Constructions India Ltd · Jindal Steel Ltd

Projects by Status

AWARDED

Water and wastewater

STP Blower and Administration buildings for L&T, Nellore

BIDS SUBMITTED

Healthcare and education

Hospital and school campus for a charitable institution; time-critical

High-rise residential

Precast staircases for two G+39 towers, ~1,560 m³

Industrial infrastructure

Further packages bid to Tier-1 EPC contractors

DISCUSSIONS AND EARLY OPPORTUNITIES

Refinery expansion

Substation and catalyst buildings, ~13,000 m³

Petrochemical complex

H-frames and pin beams, ~23,000 m³

Power and clean fuels

Compound walls, beams, columns and trenches

Pilgrimage resort

300 rooms, about 90,000 sq ft

Volumes are indicative enquiry quantities, not contracted work. Clients other than awarded work are anonymised.

QUALITY ASSURANCE

Inspection at Every Stage

01
Design
Approved shop and erection drawings before production

02
Materials
Material inspection reports and test certificates

03
Production
Rebar checks, slump and cube tests, element inspection

04
Erection
Line, level and verticality checked by total station

05
Handover
As-built records, documentation and 12-month defect liability

APPLICABLE STANDARDS

IS 15916 (precast concrete construction) · IS 456 (plain and reinforced concrete) · IS 875 (design loads). Applied with project specifications, subject to project design and approval. These are standards followed, not company certifications.

Lifting Safety and Site Discipline



Rigging crew in PPE preparing a beam lift, Bina, September 2026

Lifting plan

Crane position, load and sling arrangement planned before each lift.

Permit and inspection

Lifting permit and crane inspection before work starts.

Barricading

Exclusion zone with tag-line control during lifts.

Toolbox talks

Daily briefing on the day’s lifts and hazards.

Housekeeping

Site and labour areas maintained to client HSE standards.

DIGITAL EXECUTION

A Technology-Enabled Operating Model

IN USE

- AI-assisted tender and opportunity research
- Proposal and techno-commercial drafting
- Contractor and vendor database
- Element-level production schedules

UNDER DEVELOPMENT

- CRM and prospect management
- Costing and pricing workflows
- Documentation and inspection registers

PLANNED

- Project cash-flow and milestone monitoring
- Automated reporting and follow-ups

MOBILISATION & COMMERCIAL READINESS

Prepared for the Practical Demands of Execution

Mobilisation planning

Resources, yard and equipment planned per project.

Engineering coordination

Drawings and approvals managed against the programme.

Procurement planning

Steel, cement and consumables scheduled with suppliers.

Specialist mobilisation

Partners briefed and deployed to scope.

Performance security

Provided where contractually required, as on the L&T award.

Milestones and billing

Billing aligned to agreed milestones, with documentation and collection follow-up.

The People Behind Hindyug’s Projects

LEADERSHIP

RT

Mr. Rajat Tibrewal

Founder & Managing Director

Strategy, client relationships and commercial delivery

DESIGN PARTNER

SS

Mr. Shubham Sharma

Founder, MSP Design Solutions

Engineering design and detailing

EXECUTION PARTNER

AR

Mr. Abhishek Roy

Contractor, Roy Group

Site mobilisation and subcontract execution

PROJECT TEAM

DK

Mr. Diwakar Kumar

Engineer

Engineering and site coordination

PROJECT TEAM

RG

Mr. Ram Gopal

Foreman & Supervisor

Yard, rigging crews and site supervision

GROWTH STRATEGY

A Phased Path to Integrated Delivery

WE ARE HERE

PHASE 1

Establish

Execute industrial precast packages well, build references and client relationships.

PHASE 2

Replicate

Repeatable delivery systems; mobile casting and specialist resources where viable.

PHASE 3

Expand

Broader industrial civil, structural and allied packages through qualified partners.

PHASE 4

Integrate

A technology-enabled platform coordinating larger multi-disciplinary packages.

HINDYUG

Industrial Infrastructure & Project Execution

Discuss your next industrial package with us.

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Mr. Rajat Tibrewal, Founder & Managing Director



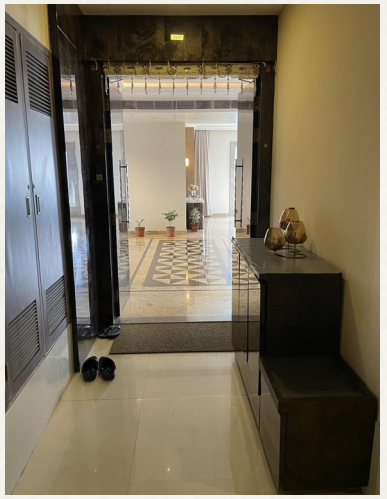
Applicable Standards and Project Specifications

STANDARD	SUBJECT	APPLICATION ON HINDYUG PROJECTS
IS 15916	Building design and erection using prefabricated concrete	Design and erection of precast elements and joints
IS 456	Plain and reinforced concrete, code of practice	Concrete mix, cover, reinforcement and curing
IS 875	Design loads for buildings and structures	Dead, imposed and wind loads in element design
Project documents	Approved drawings, quality plan and method statement	Govern each project, alongside client specifications

Editions and clauses apply as specified in each contract. Hindyug does not claim ISO or other management-system certification.

Not Executed Under Hindyug: Meghmani Residence, Kolkata

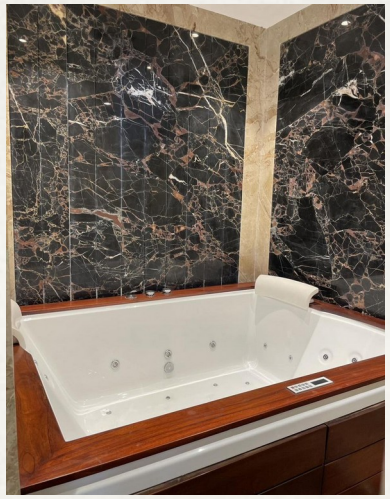
Before founding Hindyug, Mr. Rajat Tibrewal personally managed the complete interior execution of a duplex penthouse on the 36th and 37th floors of the Meghmani tower, EM Bypass, Kolkata (October 2020 to December 2022). It is included only to show the promoter's multi-trade coordination experience.



Foyer



Staircase



Marble room

- Civil, MEP, HVAC, automation and furnishing coordinated across vendors
- 1,997 sq ft carpet area across two floors



Design development drawing: reflected ceiling plan

Statutory Details

LEGAL NAME	Hindyug Export House Private Limited
BUSINESS VERTICAL	Hindyug Precast Construction
CIN	U46100WB2024PTC269259
GSTIN	19AAHCH2647A1ZS
INCORPORATED	18 March 2024
REGISTERED OFFICE	36/37-FR, FL-A, 1806 Laskarhat, Tagore Park, Tiljala, South 24 Parganas, Kolkata 700039
MANAGING DIRECTOR	Mr. Rajat Tibrewal
VENDOR REGISTRATIONS	Larsen & Toubro; Essar Constructions India Limited; Jindal Steel Limited