



Design. Innovate. Build with us.

OSD ENGINEERS PVT. LTD.

ABOUT US

At OSD Engineers, we are dedicated to shaping the future of infrastructure through expert design and engineering consultancy.

Beyond new developments, we offer comprehensive assessment services for existing built environments and infrastructures, ensuring stability, efficiency, and long-term sustainability.



Contact Us

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OUR HISTORY

Our journey began in 1996 as **EIS Planners & Engineers** (Partners - Biswajit Som & Dipesh Ch. Barua)

In 2021, we evolved into **OSD Engineers**



Driven by a mission to deliver exceptional design and engineering consultancy services

In 2025, we are incorporated as **OSD Engineers Pvt. Ltd.**

Though our name changed, our commitment to engineering excellence, sustainable solutions, and client-focused service remains stronger than ever

Principal Director:

Biswajit Som

Visiting Professor, Jadavpur University

Director:

Sohini Som, ME (Struct.)

Managing Director:

Sandip Maity, ME (Struct.)

Company details

CIN: U42909WB2025PTC282655

PAN : AAECO8621L

TAN : CALO07043B



SERVICES OFFERED

- 01 Planning, Pre-feasibility, option study & Feasibility studies
- 02 DPR and Pre-tendering activities for EPC, HAM, PPP & BOT and other similar contracts
- 03 Detailed Design and Proof consultancy
- 04 Periodic inspection & supervision
- 05 Retrofitting, Rehabilitation and restoration of existing structures
- 06 Structural Health assessment & Audit
- 07 Bridge constructability and inspect-ability design



Our vision is to be the leading engineering consultancy in the market—recognized for our excellence, reliability, and dedication to delivering superior design solutions

Some of our esteemed clients...



North East Frontier Railway



**Roads & Bridges Department
Government of Sikkim**



EASTERN RAILWAY



East Central Railway



PWD
Public Works Department
Government of West Bengal



सेल SAIL



ब्रिज एण्ड रूफ कम्पनी (इंडिया) लिमिटेड
BRIDGE AND ROOF COMPANY (INDIA) LIMITED
(भारत सरकार का एक उद्यम / A Government of India Enterprise)



EPP
ENGINEERING PVT. LTD.



DHARIWAL STEEL (P) LTD.



SECTORS



- 01 Bridges & Flyovers**
- 02 Footbridges & Skywalks**
- 03 Buildings**
- 04 Built Environments**
- 05 Industrial Infrastructures & Energy**
- 06 Offshore Structures**
- 07 Structural Health monitoring**



Our Mission

By combining technical proficiency with forward-thinking strategies, we ensure that every project we undertake contributes to a stronger, smarter, and more sustainable world.

01

Bridges & Flyovers



74m Rail over bridge, Jagiroad, Assam, India, NF Railway



Wipro Flyover Inspection, Kolkata, India



Singshore Bridge Restoration, Sikkim, India, PWD



74m ROB constructability design, Jagiroad, Assam, India, NF Railway



Re-girding of Railway bridges, Kolkata, India, Eastern Railway

Footbridges & Skywalks



Alipore Foot-over bridge, Kolkata, India,
Kolkata Municipal Corporation



Dhakuria Foot-over bridge during
retrofitting, Kolkata, India,
Progressive Construction



Monitoring Load testing of Alipore
Foot-over bridge, Kolkata, India,
Kolkata Municipal Corporation



Jagiroad Station Foot-over bridge,
Assam, India, NF Railway



Trestle Erection inspection of Alipore
FOB, Kolkata, India, Kolkata Municipal
Corporation

03 Buildings



Topsel Toyota, Detailed design, Kolkata, India



NSG Hub, New Town, Kolkata, India, CPWD



NSG Hub, New Town, Kolkata, India, CPWD



South city buildings assessment, Kolkata, India

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Built Environments



Alumina Refinery Plant, Health Audit, Lanjigarh, Orissa, India, L & T



New Market, Health Audit, Kolkata, India, Kolkata Municipal Corporation



Inspection and assessment of Bridges, Sikkim, India, PWD



Tallah Tank, Retrofitting & Rehabilitation, Kolkata, India, Kolkata Municipal Corporation

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Industrial Infrastructures & Energy



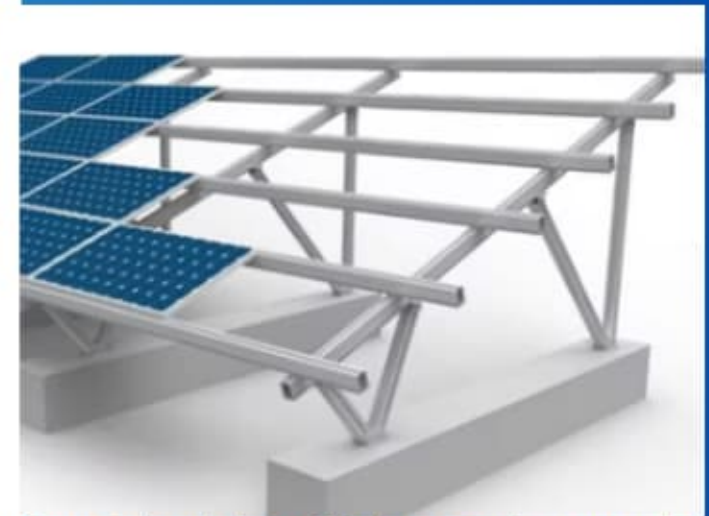
180m Industrial shed, Agartala, India, NF Railway



Innovative Built-up base plate arrangement adopted in Agartala shed, India, NF Railway

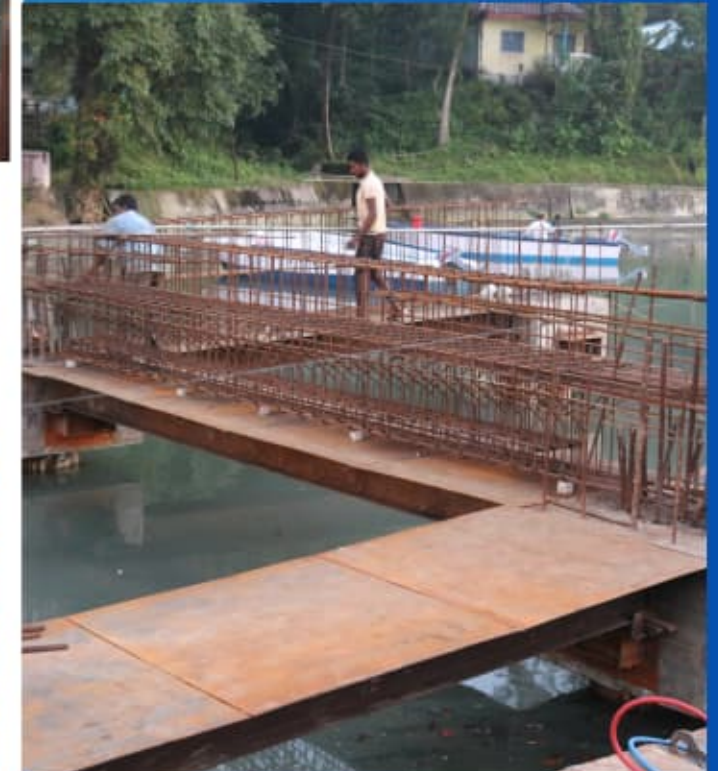


62m ROB at Jorhat, Assam, India, NF Railway



Proof checking of Solar panel supporting structures, JU

**Baratang Jetty detailed
design, Andaman, India,
ALHW**



06

Offshore Structures

SIGNATURE PROJECTS:

1. 100 years old Tallah Tank Rehabilitation in Kolkata, India.
2. Post Earthquake Adequacy check of 50 nos. bridges in Sikkim, India.
3. Detailed Design of 180m Agartala shed in Agartala, India.
4. Detailed design of Steel FOB at Alipore, Kolkata, India.
5. Detailed design of 74m ROB at Jagiroad, Assam, India.
6. Structural Health audit of Alumina Refinery plant at Lanjigarh, Orissa.
7. Detailed design of Small to medium span through type steel truss bridges in Sikkim, India
8. Structural health assessment of Kolkata Town Hall, India.
9. Detailed design of 130m Jetty at Baratang, Andaman & Nicobar, India.
10. Detailed design of 62m ROB at Jorhat, Assam, India.
11. Structural health Audit of Gun & shell ordinance factory Dumdum, Kolkata, India.
12. Wipro Flyover Structural health Assessment, Kolkata, India.
13. Detailed design of Belgharia ROB, West Bengal, Kolkata

ONGOING PROJECTS:

1. Detailed design of 4 nos. Steel Half-through bridges carrying Rail traffic, Kolkata, India.
2. Detailed design of Station footbridge at Rangapara, Assam, India.
3. Detailed design of 42m skewed Steel girder bridge at EM Bypass, Kolkata, India.
4. Bearing Replacement and restoration of 2nd Hooghly Setu approach viaducts, Kolkata, India.
5. Detailed design of rail car shed at Badarpur, Assam, India.
6. Detailed design of Pipra Rail Overbridge Substructure at Pipra, Bihar, India.
7. Rehabilitation, Repair & retrofitting of Dankuni ROB in general and fire affected approach span in particular.
8. Preparation of the detailed scheme for the repair and replacement of bearings in Nandai bridge.
9. Structural audit of existing RCC T girder bridges including rehabilitation and upgradation of the damaged Karotowa bridge & Damaged Neem bridge to Steel girder bridge for P.W.R.D. under Jalpaiguri highway division.

Our Motto

Engineering Excellence

Innovation and
Creativity

Safety and
Sustainability

Client Focus &
Collaboration