

“Building the
Future with
Precision &
Passion”



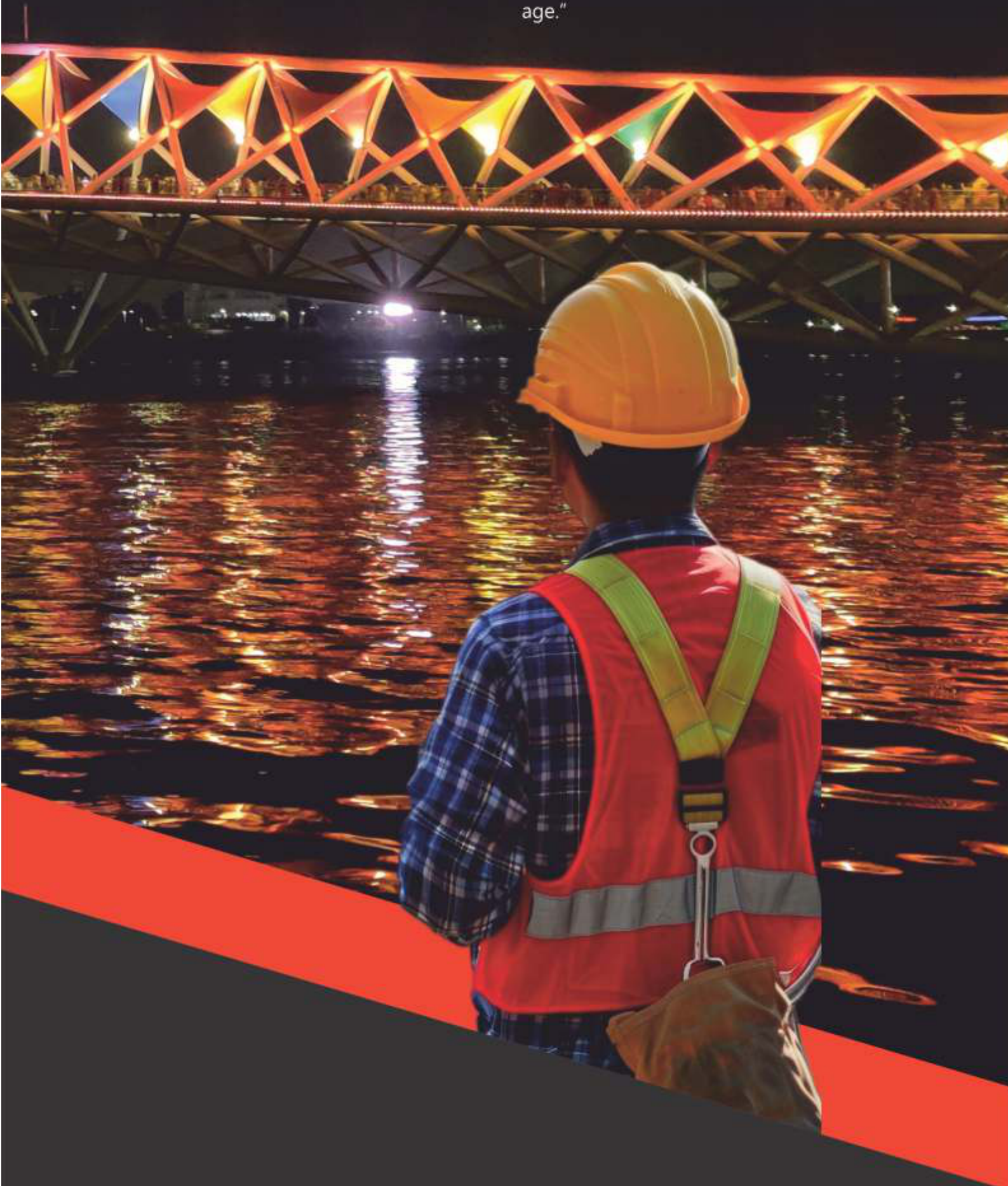


"Building Tomorrow, Today:

Where Dreams Take Shape with Innovation"

About Us

"**P&R** is a global multi disciplinary engineering services firm recognized for solving some of the most significant infrastructure challenges of our age."



VISION



Vision "To be the company of choice for our clients in the global market for all our business;
To be driven by entrepreneurial spirit, cutting edge technology and execution excellence."

MISSION



Mission "We will deliver reliable, high-quality solutions for global infrastructure and undertake complex jobs with deployment of innovative trend setting technology"





A Boutique Infrastructure Firm with

38+ Years of Excellence

At P&R we stand out as a unique boutique infrastructure firm with four decades of experience in delivering comprehensive, end-to-end services for specialized projects. Our expertise encompasses a diverse range of structures, including:

- Architectural and Special Bridges
- Railway Over Bridges (RoBs)
- Stadiums and Steel Buildings
- Hydraulic Works for Pumped Storage Projects
- Turn-Key Solutions for Hydro-Power Projects
- Bridge Rehabilitation
- High-Altitude Transmission Lines
- Ropeways and more

Our in-house fabrication facility, combined with our team of subject matter experts and skilled technicians, enables us to deliver cost-effective solutions tailored to meet the unique needs of our esteemed clients. With strategic machinery and a commitment to quality, we ensure every project is completed with precision and efficiency.

“Our Legacy Your Future”

P&R Engineering Services Pvt. Ltd. was founded by Mr. Paveljeet Singh Ruppal, our current Managing Director, with a vision to deliver exceptional engineering solutions. The company began its journey with humble roots, focusing on on-site fabrication for Thermal Power Projects in East India.

In 2005, we expanded our horizons by incorporating **P&R Infraprojects Ltd.** Since then, we have embraced growth and innovation, steadily diversifying our expertise into various sectors of steel fabrication. Today, our portfolio includes specialized projects such as Hydro Power Projects, Bridges, Stadiums, and much more.

Our unwavering commitment to quality and excellence has propelled us forward, establishing P&R as a trusted name in the infrastructure industry.



Bridges



Hydro Power Projects



Thermal Power Projects



Water Supply Works



Transmission Lines



Ropeways

P & R Milestones

FOUNDING YEAR

P&R - started its journey in the field of construction as P&R Engineering Services. Our first project was steel fabrication work for NALCO Thermal Power plant in Orissa

1986

1

HYDRO POWER

P&R - entered the field of Hydro power projects and successfully completed the fabrication and erection of penstocks and steel liners with ASTM 517, 537, etc. grades of steel.

1996

2

THE BIG LEAP

P&R - During the Commonwealth Games in New Delhi, P&R significantly stepped up its game by undertaking the construction of major stadiums, flyovers, and foot over bridges. This pivotal project not only showcased our capabilities but also solidified our reputation as a leader in infrastructure development.

2009

3

BRIDGING THE GAPS

With the evolving infrastructure needs of the nation, we shifted our focus towards steel bridges and today we provide turn-key (EPC) solutions for all kinds of railway and road bridges.

2020

4

MILESTONE

Added another feather to our hat by successfully completing India's longest suspension bridge with a span of 400m.

2020

5

EXCELLENCE IN STEEL LINERS

The fabrication and erection of steel liners using high-quality ASTM 537 and 517 grades of steel. Our expertise in these materials ensures durability and reliability in even the most demanding environments.

2024

6

OUR VALUES



Performance

P&R has set the prime focus on efficient performance in all aspects and makes a valuable difference in its concerned field, unhindered by any obstacle which the group might have to encounter.



Passion

P&R is differentiated by a 'Can Do' attitude and undertakes each task with vigour and enthusiasm.



Agility

P&R understands the needs and requirement of any project and respond to each challenge with speed and precision.



Reliability

P&R is a trustworthy and reliable infra group, both in thought and action, and has gained a reputed name in the infrastructure market.



Teamwork

P&R gains from the diversity within its group by sharing knowledge and resources and backing up each other, which helps to achieve individual and collective success.



“ TO ACCOMPLISH
GREAT THINGS,
WE MUST
NOT ONLY ACT,
BUT ALSO DREAM
NOT ONLY PLAN,
BUT ALSO BELIEVE. ”



Paveljeet Singh Ruppal started the business of structural steel fabrication & erection in his individual capacity in 1986. He remains engaged in fabrication and erection of Structural steel engineering, Thermal & Hydro Power Projects and Civil Projects. Later, in the Later on, in year 2005, he incorporated P&R Infraprojects Ltd to take the firm to new heights in a systematic manner. The company has gained valuable on-field experience by executing 150+ large, medium and small-scale projects in several engineering fields.

In its initial years, the P&R Infraprojects Ltd. was predominantly engaged in the fabrication and installation installations of penstocks/steel liners for hydroelectric projects of varying capacities. We have attained proficiency in design, fabrication, erection, testing and commissioning of heavy-duty penstocks with high strength steel plates. duty penstocks with high strength steel plates. Our quality record is well established; this experience helped P&R to develop its own renewable energy by establishing Hydro Power Project at Brenwar, Jammu and Kashmir, at Gurdittiwala, Punjab and at Gogripur, Haryana, under the IPP mode.

P&R also has expertise in projects involving structural superstructures, steel bridges, flyovers, thermal power projects, hydro power project, civil construction, transmission lines, etc. The rich experience in various fields helped us in earning the contract of various projects like Rail-cum-Road Bridge across river India's Longest Suspension Bridge (Dobra Chanti, Tehri), Atal Bridge (Ahmedabad), Rail-cum-Road Bridge across river Ganga Munger, Steel Arch Suspension Bridge across river Wahrew, Jai Prakash Narayan International Convention Centre, 9Mw Hanu HEP, 9Mw Dah HEP, Jawaharlal Nehru Stadium, Velodrome in Indira Gandhi Stadium, Thyagraja Net Ball Stadium and many more. The successful completion of these projects has given P&R Infraprojects Ltd. a reputable name in the market.

P&R is self-sufficient in the fabrication and erection department. Two states Two state of the art workshops, well equipped with advanced automated machinery, and a fleet of over 60 cranes, ensure that ensures that no delay occurs in the fabrication and erection procedures. Moreover, the workshop has its own facilities for various quality tests, like Radiographic Test, Ultrasonic Test, etc., which ensure that the fabricated components match the quality standards.

Each employee is treated as a family member and the management takes due care of all individual's cares and needs. The utmost safety standards have been set, which are followed stringently which ensure that each employee feels safe while working on-site. This peace of mind, coupled with the emotional bonding of each employee with the company, increases the overallevery individual's cares and needs. Utmost safety standards have been set which are followed stringently which ensure that each employee feels safe while working on-site. This peace of mind, coupled with emotional bonding of each employee with the company, increases the over-all work efficiency which ensures that every project is completed on time.

Performance, Passion, Teamwork, Reliability and Agility- these are the core values on which the P&R group has been built and grown. The courage shown by employees in completing challenging projects efficiently and quickly has helped P&R Infraprojects Ltd. to achieve great feats in a very short period of time. But we do not believe in basking in the glory of our past achievements- we are set for the future with new and innovative methods for challenging tasks. For the journey has just begun...

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Paveljeet Singh Ruppal
(Managing Director)



OUR SERVICES

Design and Engineering

- Comprehensive design services from concept to completion.
- Collaborations with architects and designers to ensure optimal solutions



Design & Engineering

Structural Steel Fabrication

- Custom fabrication tailored to your project's specifications.
- Advanced techniques ensure precision and strength.



Structural Steel Fabrication

Steel Erection

- Professional assembly and erection services for all types of structures.
- Safety-focused practices to protect our team and your site



Steel Erection

Project Management

- Dedicated project managers oversee every detail, ensuring smooth operations.
- Timely communication keeps you informed at every stage.



Project Management

In House Fabrication Facilities

2 EXISTING & 1 UPCOMING

Fabrication Workshop, Ropar, Punjab
One of North India's oldest and largest facility

State of the Art Plants

2 Shops, strategically located to service our clients' requirements. Our shops have complete infrastructural facilities and logistics for undertaking fabrication works of all types of steel structures with a world class quality and workmanship standards.



 Ropar PUNJAB	10 BAYS	SPREAD ACROSS 20 ACRES	MANPOWER OF 550	GENERATING 4500 MT MONTHLY CAPACITY
 Ghazipur UTTAR PRADESH	2 BAYS	SPREAD ACROSS 7 ACRES	MANPOWER OF 300	GENERATING 2000 MT MONTHLY CAPACITY
 Raipur CHHATTISGARH	3 BAYS	SPREAD ACROSS 24 ACRES	MANPOWER OF 300 TENTATIVE	GENERATING 1500 MT MONTHLY CAPACITY

PRODUCTION MACHINES AND LINES CAPACITY

- Understanding of relevant design codes and standards (e.g., ASTM, ISO)
- In House Tekla and Auto cad Modelling
- Automated Nesting Plans
- Manufacturing in conformance to IS Codes



AutoCAD



SAP2000



STAAD.Pro



Weigh Bridge



Stacking Area



Layout Area



CNC Drilling Machine X2



CNC Drilling Machine ABP-1500 A



Radial Drilling Machine



CNC Cutting Machine



Laser Cutting Machine 20KVA



NC Cutting Machine PUSAAN (Oxy-Fuel)



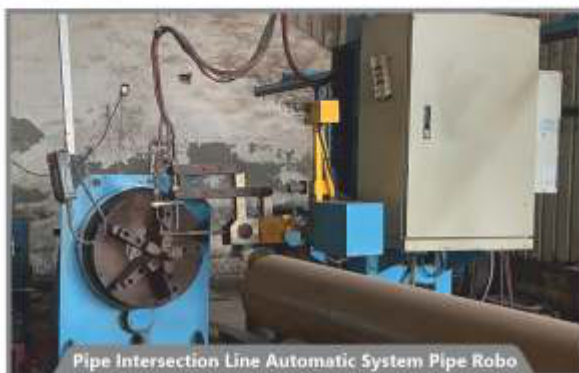
H Beam Fit Up



H Beam Straightening



Welding full Line



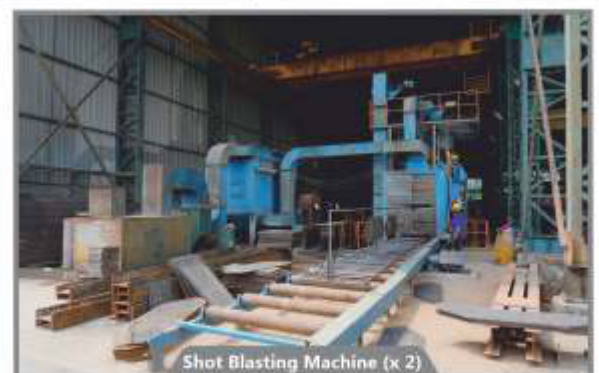
Pipe Intersection Line Automatic System Pipe Robo



Pipe Bending Machine



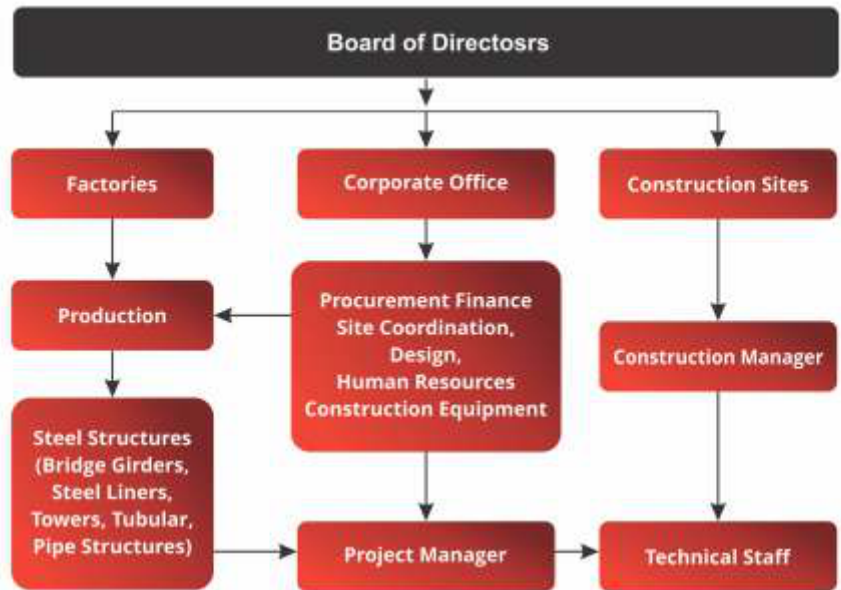
Plate Bending Machine



Shot Blasting Machine (x 2)

CENTRALIZED MANAGEMENT

- Clear Chain of Command
- Efficient Resource Allocation
- Standardized Quality
- Faster Decision-Making
- Faster Decision-Making



HUMAN RESOURCES

- Total Number of employees- **500+**
- Directors (Management Board) – 6
- Project Managers- 26
- Civil Engineers - 35
- Mechanical Engineers- 30
- Production Engineers- 40
- Electrical Engineers-12
- Quality Engineers- 20
- Site Supervisors- 45
- HSE Engineers- 15
- Certified Welders-100+



STRATEGIC EQUIPMENT



Cranes



Gantry Cranes



Piling Rig



Back Hoe Loaders



Road Equipment



Bridge Launcher



Excavators



Batching Plants

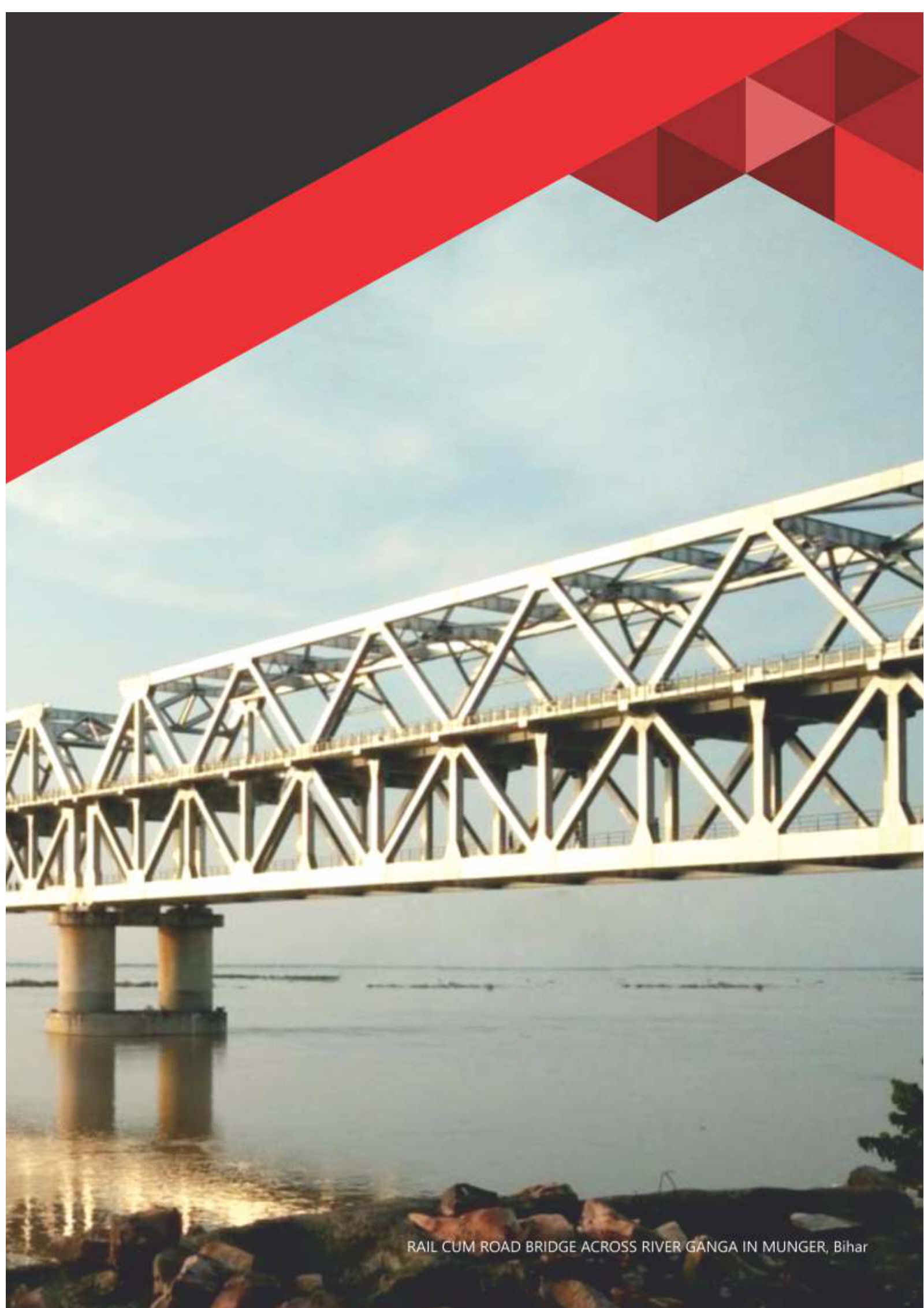
1. Central Railway, Mumbai CST-400 001.
2. Eastern Railway, Faria Place, Kolkata-700 001.
3. East Central Railway, Hapur-844 101.
4. East-Coast Railway, Bhubaneswar-751 019.
5. Northern Railway, Baroda House, New Delhi-110 001.
6. North-Central Railway, Allahabad-211 001.

TRANSFORMING CONNECTIVITY

STEEL BRIDGE

CONSTRUCTION





RAIL CUM ROAD BRIDGE ACROSS RIVER GANGA IN MUNGER, Bihar

EPC SOLUTION

**Design | Procurement | Fabrication | Civil Work,
Transport | Erection & Maintenance**

At P&R, we specialize in state-of-the-art steel bridge construction, delivering robust and reliable solutions that connect communities and enhance infrastructure. With years of experience and a commitment to quality, we ensure every project meets the highest standards of safety, durability, and sustainability.



BRIDGE SUBSTRUCTURE

We have capability in terms of resources and equipment for undertaking work of sub-structure for all kinds of bridges.



OUR PROJECTS

Explore our portfolio of successful steel bridge projects, showcasing our expertise in design, engineering, and construction. From urban crossings to rural connectors, each project reflects our commitment to quality and excellence.

SUSTAINABILITY COMMITMENT

We prioritize sustainable practices in our operations, from sourcing eco-friendly materials to implementing energy-efficient processes. Our steel bridges are designed to be both functional and environmentally responsible



Suspension Bridge



Steel Arch Bridge



Rail Over Bridges and Road Over Bridges (ROB)



Foot Over Bridges (FOB)



Truss Bridges



Cable Stayed Bridges



Steel Girders for Flyovers



Atal Bridge, Ahmedabad



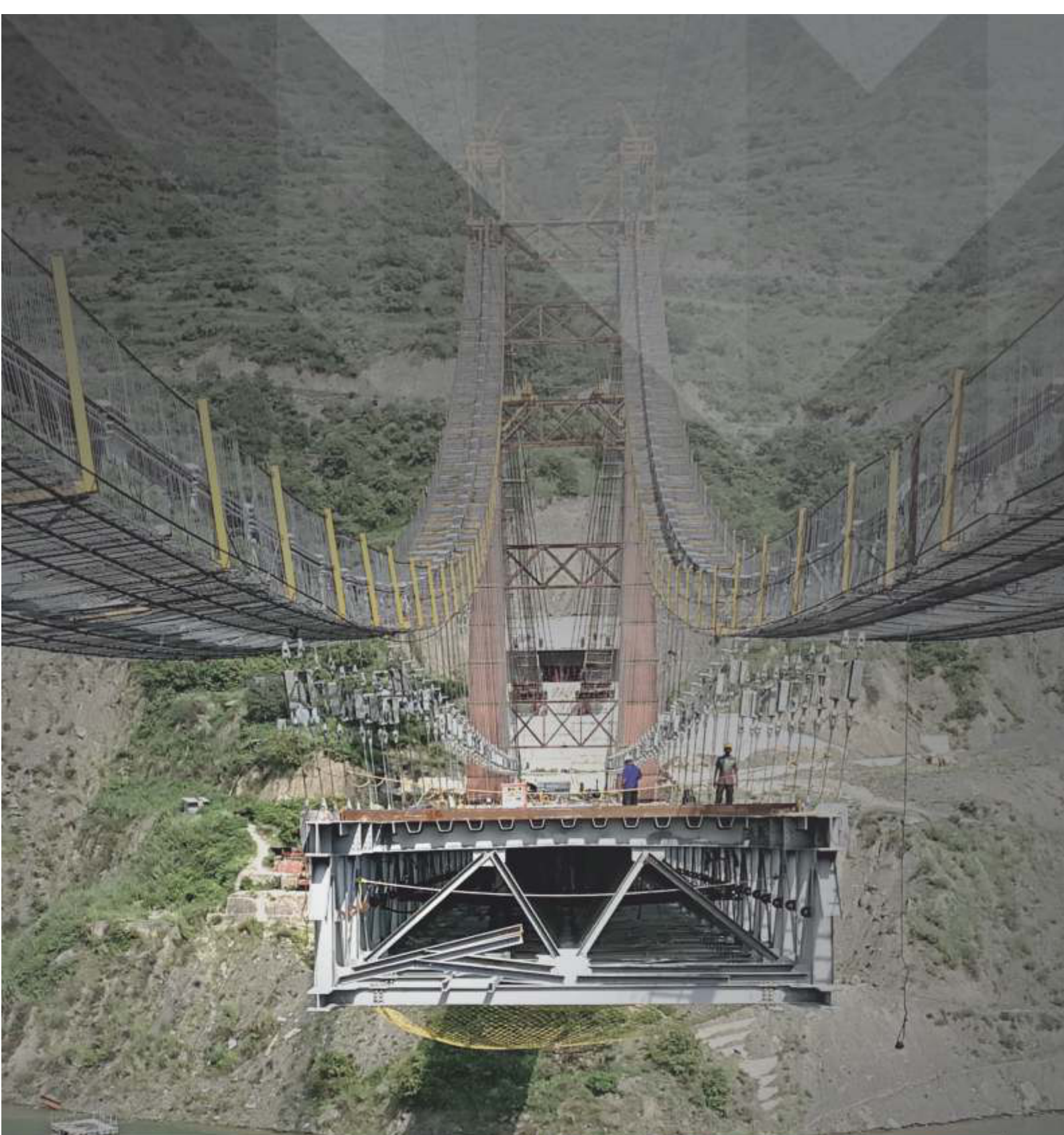
DFCC Underslung Truss Bridge, Baroda



Dobra Chanti Bridge



Trial Assembly, Mokama Railway Bridge at our Fabrication Facility



Site Assembly of Underslung Truss Bridge, Ahmedabad



Erection of Plate Girder, Panipat

BRIDGE PORTFOLIO

SUSPENSION BRIDGE



DOBRA CHANTI SUSPENSION BRIDGE, UTTARAKHAND

Client: Public Works Department (PWD) Uttarakhand

Construction of Alternate Suspension Bridge (Bajrang Setu) of span 132.30 meter near old Laxman Jhula bridge.

Scope of Work:

Item Rate Contract – Entire Work

Key Features

- Span 132.30M
- Width 7M



BAJRANG SETU SUSPENSION BRIDGE, RISHIKESH

Client: Public Works Department (PWD) Uttarakhand

CABLE STAY BRIDGE



ATAL SETU BRIDGE BASHOLI, JAMMU & KASHMIR

Client: IRCON - SPSCPL U.I.V.

First of its kind in North India featuring India's 2nd longest span in its category

Scope of Work

Fabrication and shop assembly of steel member built up/ rolled section for bridge from free issue steel including unloading, stacking, cutting welding assembling, assembly at workshop including installation of sheer studs as sand blasting, painting all complete

Key Features

- Span 121 m+ 350 m+ 121 m
- Tonnage 1,500 MT

RAILWAY BRIDGE

Design & Construction of New Double Track BG Railway (25T Axle Load) over River Ganga, 60m upstream of the existing Rajender Setu Bridge near Mokama

Scope of Work

Fabrication and Supply of Truss (5 Trusses of 122 Meters) of total quantum of 6,625 MT (approx.) for our Mokama Project (1329).

Key Features

- Span 5x122 M + 2x32 M
- Tonnage 7,125 MT



MOKAMA RAIL BRIDGE, BIHAR

Client: Afcons Infrastructure Ltd.

RAIL CUM ROAD BRIDGE



RAIL CUM ROAD BRIDGE ACROSS RIVER GANGA IN MUNGER, BIHAR

Client: M/s Gammon India Ltd.

Ranks among one of the Top 10 longest bridges in India, this bridge spans across 3.69 Km over River Ganga

Scope of Work

Fabrication & erection of structural steel (Super Structure)

Key Features

- Span 12 x 125 M
- Width 12 M
- Tonnage 22,620 MT

Scope of Work

Fabrication & erection of structural steel (Super Structure)

Key Features

- Span 85 x 11 M 43 x 2 M
- Tonnage 13,100 MT



RAIL CUM ROAD BRIDGE OVER RIVER GANGA IN GHAZIPUR, UP

Client: SP Singla Construction

PEDESTRIAN BRIDGE



ATAL BRIDGE, AHMEDABAD

Client: Sabarmati River Front Development Co. Ltd.

A design marvel, this foot over bridge comprises of tubular members representing the famous Kite festival of Gujarat, inaugurated by our honourable P.M. Shri Narendra Modi

Scope of Work: Construction of Foot Over Bridge (FOB) Joining Promenades of River Sabarmati Between Ellis Bridge and SARDAR Bridge on SABARMATI RIVERFRONT

Key Features

- Span 2*80 m 1*100 m
- Width 20 M
- Tonnage 2,200 MT

Two bridges were rebuilt using alternate suspender system of Freyssinet Suspenders. Nominated for "Best Infrastructure Project" or the 159 Annual CPWD Day.

Scope of Work

Construction of 2 Steel Suspended Arch Bridges; Built up SAW Welded steel Box Sections

Key Features

- Span 100M
- Width 4M
- Tonnage 600MT



SUSPENDED STEEL ARCH BRIDGE, NEW DELHI

Client: Bridge and roof Co. India Ltd.



5 SUSPENDED STEEL ARCH FOB, NEW DELHI

Client: Public Works Department (PWD) Delhi

Scope of Work

Construction of Five Nos. Arch Type Footover Bridge with suspender bars system on Outer Ring Road between Vikaspuri to Wazirabad

Key Features

- Span 100 M
- Width 4 M
- Tonnage 2,400 MT

STEEL ARCH BRIDGE

India's longest Single Span Arch Bridge Built in the beautiful hills of Meghalaya over river Waheru, this bridge adds sheer elegance to the picturesque landscape.

Scope of Work: Strengthening, Improvement including Metalling and Blacktopping of Road from Bholaganj to Nongjri including construction of a major bridge

Key Features

- Span 170M
- Width 8M
- Tonnage 1,900MT



STEEL ARCH BRIDGE, MEGHALAYA

Client: Public Works Department (PWD) Meghalaya



135 MT. SPAN ARCH BRIDGE, PUNJAB

Client: SP Singla Construction

Single Span 4-Laned 135M long Steel Bridge on Phagwara-Banga-Nawanshahr-Roar Road at RD.86.900 on Sirhind Canal of NH-344A in the Ropar City in the State of Punjab on EPC Mode. WORK OF 135 Mt. SPAN ARCH BRIDGE

Scope of Work

Fabrication and Trial Assembly

Key Features

- Span 135M
- Tonnage 1,300MT

Scope of Work

Supply, Fabrication and Erection of 72M span Bow String Girder for existing Road over Bridge No. 108 between Ramnathpur and Jhusi Station in Distt Prayagraj, Uttar Pradesh.

Key Features

- Tonnage 600 MT



RAIL OVER BRIDGE, BOW STRING GIRDER

Client: GPT Infraprojects Ltd.

TRUSS BRIDGE



THROUGH TRUSS BRIDGE, BHARATGARH

Client: B. Seenaiiah & Co. Projects) Ltd. & C&C Constructions Pvt. Ltd.

The biggest span of 110m weighing 915MT was fabricated at site and 30m long launching nose was used for launching and the whole arrangement was pushed using 400 ton capacity hydraulic jacks.

Scope of Work

Supply, Fabrication, Transportation, Painting and Erection of truss type steel superstructures.

Key Features

- Span 2x110 M + 2x62 M + 1x98M+1x98M, 1x75M
- Width 11M
- Tonnage 3,000MT



THROUGH TRUSS BRIDGE, KURALI KIRATPUT N.H. 1 PACKAGE II

Client: M/s SP Singla Construction Pvt. Ltd.

OPEN WEB GIRDER BRIDGE



45.00 MTR SINGLE SPAN, GUREZ, KASHMIR

Client: Border Roads Organisation (BRO)

Scope of work

Design and construction of 45.00 mtr single span steel super structure (through type) permanent bridge on open foundation over Gurai nallah at km 66.00 including SSI and proof checking by IIT on Bandipur-Gurej under 56 RCC/32 BRTF project beacon in J&K State (now UT)-2nd call

Key Features

- Tonnage 135 MT

Scope of Work

Design and Construction Of 110 M. Long 2 Lane Motor Bridge With Footpath Over Sharda (Kali) River Near Charchum (Dharchula) To Darchula (Napal) Indo Nepal Border In Pithoragarh Distict Of Uttarakhand State.

Key Features

- Tonnage 800 MT



110 M LONG 2 LANE MOTOR BRIDGE, DHARCHULA

Client: PWD, Uttarakhand

RAIL BRIDGE - PLATE GIRDER



RAIL BRIDGES, 1, 2, 3 & 61 for USBRL

Client: The Braithwaite Burn and Jessop Construction Company Ltd. (BBJ)

Scope of Work

Fabrication, Supply, Erection and completing of superstructure for Bridge No. 2 & 3 (in Sumer Station Yard) and Bridge No. 61 (over TatsunNallah) on Katra Quazigund section of Udhampur-Srinagar-Baramula New BG Railway Line Project (Package Bridge 2, 3 & 61)"

Key Features

- Span 38x40.5M+1x30M+2x30.5M+1x24M
- Tonnage 5400MT

RAIL BRIDGE - OPEN WEB GIRDER

Scope of Work

Construction of Roadbed, Major and Minor Bridges Including Fabrication erection and launching of open web steel girders From km 0 to km 3.50. BHANUPALI-BILASPUR-BERI

Key Features

- Span 2*76.2 M
- Width 5.5M
- Tonnage 700MT



OPEN WEB STEEL GIRDER BRIDGE

Client: Rail Vikas Nigam Limited (RVNL)

UNDERSLUNG TRUSS BRIDGE (DFCC)



UNDERSLUNG TRUSS GIRDER BRIDGE, GUJARAT OVER MAHI

Client: JFE Engineering Corp. Japan

Scope of Work:

Fabrication and Erection of special bridges across river MAHI

Key Features

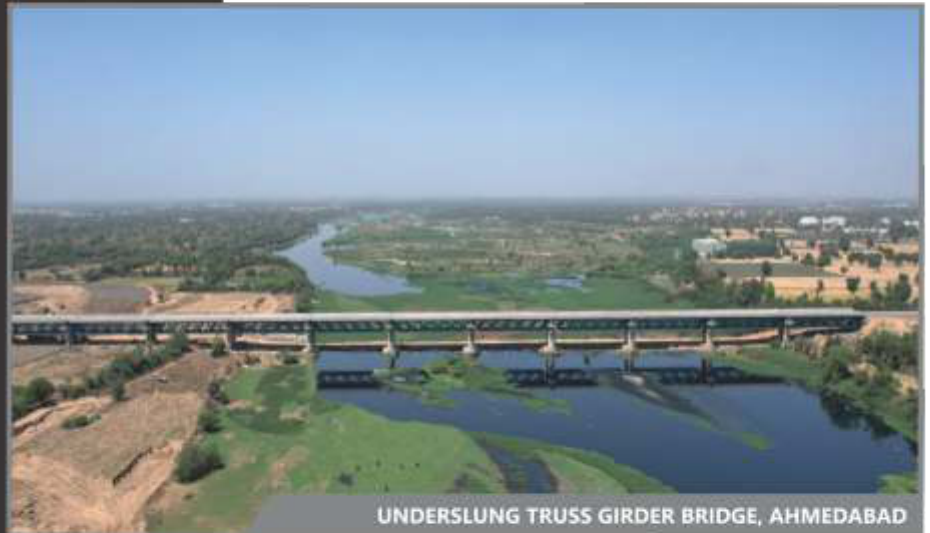
- Span 12*47.5 M
- Width 6.4M
- Tonnage 4,500MT

Scope of Work

Fabrication and Erection of special bridges across river Sabarmati

Key Features

- Span 11*47.5 M
- Width 6.4 M
- Tonnage 4,000 MT



UNDERSLUNG TRUSS GIRDER BRIDGE, AHMEDABAD

Client: JFE Engineering Corp., Japan

OPEN WEB GIRDER BRIDGE (DFCC)



DFCC EASTERN CORRIDOR YAMUNA BRIDGE, UP

Client: GMR Power Urban Infra Ltd.

Scope of Work

Fabrication & Erection of structural steel Open web girders for special bridge across river Yamuna under DFCC eastern corridor package

Key Features

- Span 34x60.8M+2x49M+4x41M+2x63M+4x60M
- Tonnage 11,738 MT

Scope of Work

Construction of Kolkata Elevated Corridor project from Science City to EM Bypass, Kolkata



KOLKATA ELEVATED CORRIDOR PROJECT, KOLKATA, WEST BENGAL

Client: Hindustan Construction Co Ltd.-KMDA

U-GIRDERS BRIDGE AND FLYOVER



U GIRDERS FOR FLYOVER, MUNIRKA, NEW DELHI

Client: Hindustan Construction Company Ltd. (HCC)

Scope of Work:

Fabrication, painting, transportation and erection of Steel Structures U Girder portal structure linking Existing Munirka Flyover

Key Features

- Tonnage 5,500 MT

Scope of Work

Steel Superstructure work of Nangloi flyover NH 10 (Delhi Rohtak Road) New Delhi

Key Features

- Tonnage 2,232 MT

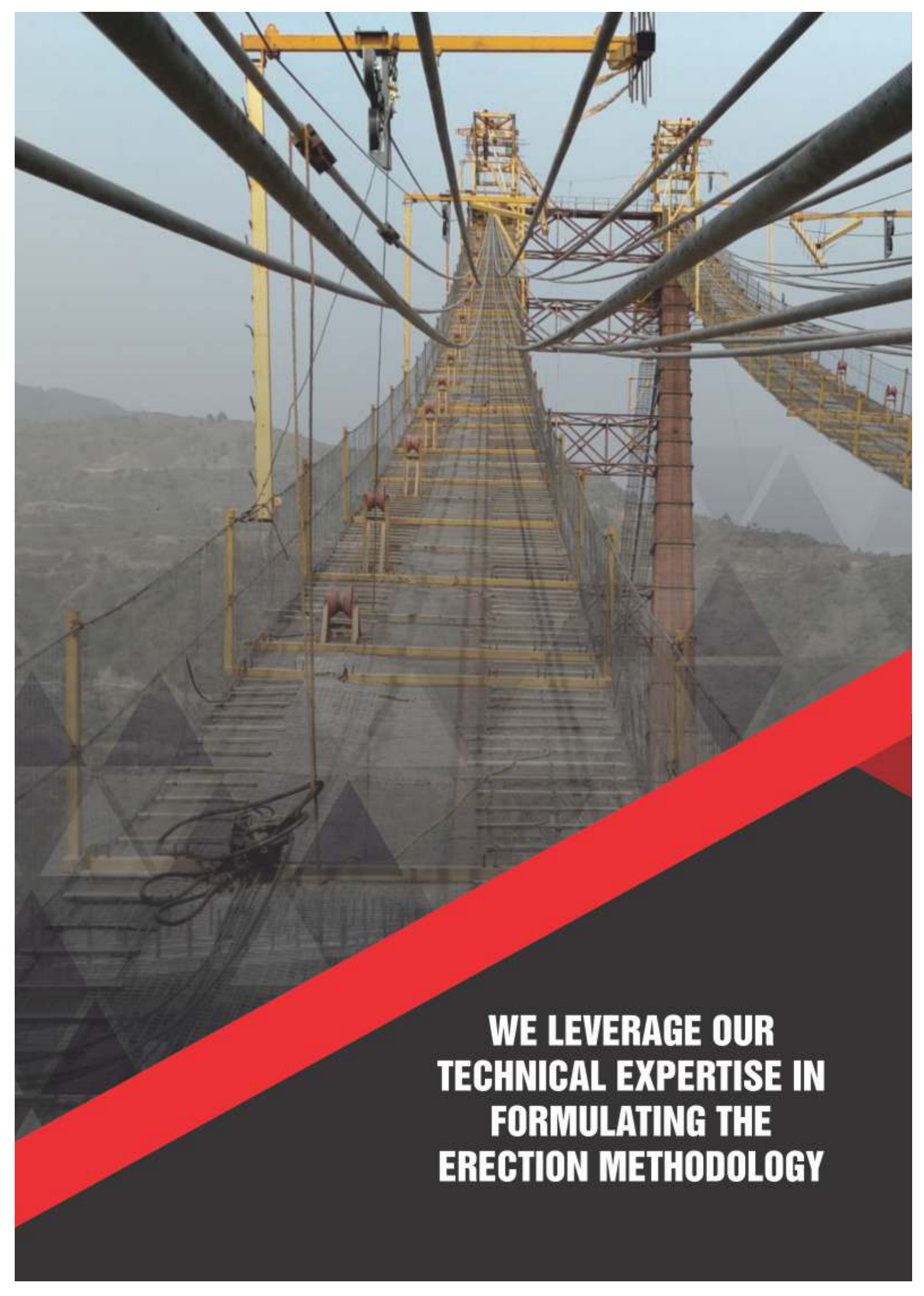


NANGLOI FLYOVER, NEW DELHI

Client: Navayuga Engineering Company Ltd.

NAME OF PROJECT	CLIENT	TONNAGE (MT)
Fabrication, Trial Assembly, Painting Transportation and Erection of Plate Girders Grade Separator at Mukarba Chowk at GT Karnal Road - Outer Ring Road Jn, Delhi	Afcons Infrastructure Ltd.	2,500
Fabrication , trial assembly, surface treatment and painting, loading on trailors of steel girders of grade separator at Raja Ram Kohli marg	Afcons Infrastructure Ltd.	4,800
Fabrication & Erection of plate girder of 2 railway spans (1x55 M & 1 x 50M) of ROB No.5/PNB at KM 111+444 on NH-1A at Pathankot at Punjab	IRCON International Ltd.	750
Fabrication & Erection of Steel Plate Girders for Keshav Chowk Flyover, New Delhi	M/s Navayuga Engineering	1,800
Fabrication, erection and painting works of single carriageway, dual carriageway & Chilla regulator flyovers	M/s DSC Limited	4,325
Supply, Fabrication & Transportation of Structural Steel Girders for ROB at Rail Line in Santacruz, Mumbai	Gammon India Ltd.	1,200
Fabrication and Erection of Construction of Comprehensive Development of Corridor (Outer Ring Road) between Vikaspuri to Meerabagh	Simplex Infrastructure Limited	2,900
Supply, Fabrication, Test Assembling, Transportation & Erection of Structural Steel Plate Girder For Corridor B/w Mukarba Chowk to Wazirabad	Continental Engineering Corporation	3,500
Design, fabrication, erection & commissioning of Foot Over Bridge on NH-1 Project - Punjab & Haryana	SOMA	3500
Fabrication, painting, Transportation and erection of Steel Structures U-Girder Bridge.	Hindustan Construction Co. Ltd.	5,500
Fabrication and Erection of Steel I Girders for Apsara Flyover, New Delhi	Afcons Infrastructure Ltd.	2,000
Fabrication, Trial Assembly, Transport and Erection of Steel Plate Girders for Bridge No. 3 (Span 12 x 30.5M OWG) near Korba, Chhattisgarh	Braithwaite Burn and Jessop Ltd.	870





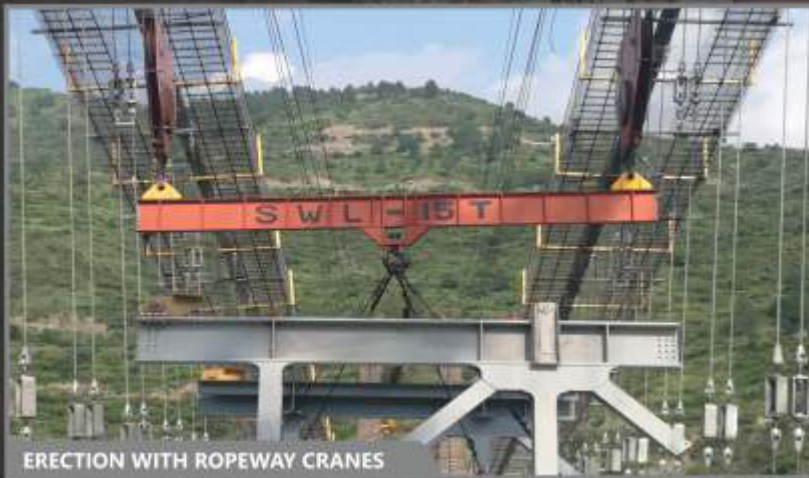
**WE LEVERAGE OUR
TECHNICAL EXPERTISE IN
FORMULATING THE
ERECTION METHODOLOGY**

ERECTION EXPERIENCE

Our rich experience in a multitude of erection techniques makes us technically sound to take upon challenging jobs



CANTILEVER ERECTION USING DECK CRANES



ERECTION WITH ROPEWAY CRANES



TWIN TRUSS BRIDGE LAUNCHER



PUSH LAUNCHING METHOD



LAUNCHING WITH CRAWLER/MOBILE CRANE ON TRESTLES



TANDEM LIFTING OF ENTIRE GIRDER WITH TWO HEAVY CRANES



BRIDGE LAUNCHER

In order to provide seamless service to our clients in terms of productivity and cost efficiency, we have invested in a bridge launcher.

"SPECIAL ARCHITECTURAL STEEL STRUCTURES"

We truly stand by our Motton "You Dream, We Create" by bringing an architect's dream to life. During Commonwealth Games, P&R was one of the few fabrication companies selected for carrying out structural steel work of Stadiums and flyovers.

STEEL STRUCTURES

Custom Fabrication

Utilizing advanced fabrication techniques, we produce high-quality steel components tailored to your building's specific design and engineering requirements. Tubular sections, roof girders, connecting bridges etc. all modularly fabricated to ensure seamless assembly at the site.

Erection Services

Our experienced team manages the entire erection process, ensuring that each component is installed safely and accurately, following industry best practices.

Structural Engineering

We collaborate with architects and engineers to provide structural solutions that meet the unique demands of stadium design.

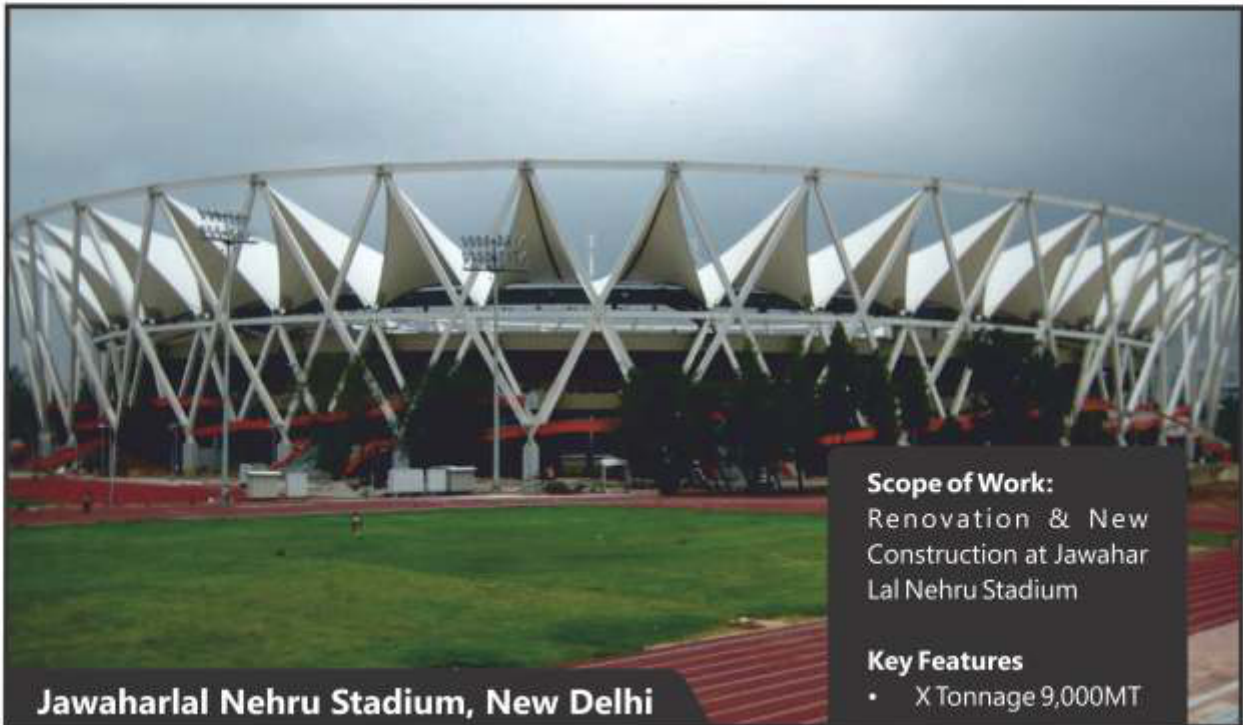
Quality Assurance

Our commitment to quality includes rigorous inspection and testing of materials to ensure compliance with all safety and building codes.



OUR PROJECTS

Explore our portfolio of successful stadium projects, where we have applied our expertise in steel fabrication and erection



Jawaharlal Nehru Stadium, New Delhi

Scope of Work:

Renovation & New Construction at Jawahar Lal Nehru Stadium

Key Features

- X Tonnage 9,000MT



Scope of Work:

Fabrication and erection of steel members of YST 350 grade for Diagrid Pylons & Skywalk.

Key Features

- Tonnage 4,000MT



Bharat Vandana Park, New Delhi



Jai Prakash Narain International Centre (JPNIC) Project, Vipin Khand, Gomti Nagar, Lucknow

Scope of Work:

Supply, Fabrication and Installation of over 4000 MT Tubular Arch Trusses, Auditorium, Helipad, etc.

Key Features

- Tonnage 2 000 MT

Client: Lucknow Development Authority (LDA)

Client: JMC Projects (India) Ltd.

Scope of Work:

Fabrication & Erection of Steel Trusses for Thyagraja Netball Stadium, New Delhi

Key Features

- Tonnage 3 226 72 MT

Thyagraja Netball Stadium, New Delhi





Indira Gandhi Cycling Velodrome, New Delhi

Scope of Work:

Supply , Fabrication & Erection of Steel arch and Trusses for Velodrome

Key Features

- Tonnage 2,007MT

Client: JMC Projects (India) Ltd.

Client: ITD Cementation Ltd./CPWD, Ropar

Scope of Work:

Supply , Fabrication and Erection of Structural steel work and ancillary Work

Key Features

- Tonnage 1,000MT

Educational Building at IIT-Ropar





HYDRO **ELECTRIC** **POWER** PROJECTS





100+
HYDRO-ELECTRIC
PROJECTS COMPLETED

P&R continues to empower India with its expertise in Hydro Power Projects. Our Hydel power footprint extends all over India

Contributed to over

5000 MW
of Hydro power 

SERVICES

Design
Procurement
Fabrication
Transport
Erection
Commissioning
Operation & Maintenance
Refurbishment

8000 MT
fabricated in a single year 

Experience of working with
ASTM 537 Class 2, ASTM 516

With its unique concept to commissioning execution model that considers time, cost and quality parameters, P&R is an established industry developer and manufacturer of Hydro Electric Power plants on EPC basis in India. We have expertise in both :

Canal Based HEP and Penstock Based HEP







HYDRO

MECHANICAL GATES

PROJECTS COMPLETED

P&R specializes in the manufacturing and installation of high-quality hydromechanical Gates. With decades of experience in hydraulic engineering, we are committed to delivering innovative solutions that ensure efficient water management for various applications, from flood control to irrigation systems. Types of Gates we specialize in are given below:

Radial Gates

- Designed to rotate around a horizontal axis.
- Commonly used in dams and spillways to control water flow.

Vertical Lift Gates

- Operate by lifting vertically, typically using hydraulic cylinders.
- Ideal for flood control and regulating water levels in reservoirs.

Sliding Gates

- Move horizontally along tracks to open or close water passage.
- Often used in channels and sluices for precise water flow control.

Flap Gates

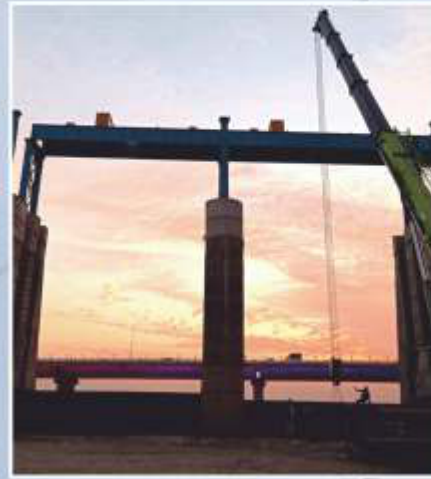
- Pivot at the top to allow water to flow in one direction while preventing backflow.
- Common in tide gates and drainage systems.

Sector Gates

- Circular gates that rotate around a central pivot.
- Useful in large canals and water control structures.

Stop Logs

- Removable barriers that can be placed in a channel to block water flow.
- Useful for maintenance or temporary water level adjustments.



TAWI BARRAGE



Crest Gates

- Installed at the crest of a dam to regulate water release.
- Can be operated manually or automatically.

Control Gates

- Used for precise management of water levels and flow rates in reservoirs and channels.

Sluice Gates

- Commonly used in irrigation and drainage systems to control water flow.

Barrage Gates

- Installed in rivers or canals to maintain water levels upstream while allowing controlled flow downstream.



2000 MW SUBANSIRI Hydro-electric Project



2000MW Subansiri HEP, Arunachal Pradesh

IN HOUSE MANUFACTURING OF

ROPE DRUM HOISTS

OF CAPACITY RANGING FROM 5MT TO 400MT



9 MW DAH HEP, Ladakh



330MW Shrinagar Hydro Electric Project, Uttarakhand



UHL-Stage-III-(100MW) HEP, Himachal Pradesh



3 x 2.5 MW Hydro Power Project, Brenwar, Jammu & Kashmir



2000 MW SUBANSIRI Hydro-electric Project

PENSTOCKS

P&R has attained proficiency in design, fabrication and erection, testing and commissioning of heavy-duty penstocks with high strength steel plates. The company has to its credit robust record of installation of large size penstock and steel liners in underground vertical shafts and steeply inclined long tunnels up to 7 meters of diameters and 72 mm thick HS Steel Plates with a test pressure up to 134 kg/cm². We are well versed with Penstock Refurbishment and replacement works involving removal of old steel liner, installation of penstock inside a pipe, embedded penstock, installation of penstock inside tunnel etc.



On Site Fabrication Shop



Panniar HEP Rehabilitation, Kerala

Grade of Steel Worked with	ASTM-A-517 Gr-F, ASTM 516 A Gr-70, ASTM 537 Class 1,
Max Diameter Fabricated	7 M
Max Diameter Erected	8 M
Maximum Thickness Fabricated	72 mm

PROJECT PROFILE



Sr. No.	Project Name	Scope of Work	Tonnage	Client
1	330MW Alaknanda HEP, Srinagar	Fabrication and Erection of Steel Liner having Dia 5.17 - 5.6 m, Grade of Steel ASTM 516 Gr-70	1302	GVK
2	192 MW Allain Duhangam HEP	Fabrication, Erection of Underground Steel Liner and Backfill Concrete having Dia 2.4 - 3.6 M; Grade of Steel SUMITEN 610 F ASTM A 285 - Gr C	3900	AD Hydro Pvt. Ltd.
3	Panniar HEP Rehabilitation Scheme- Rebuilding of water conducting system and allied works	Replacing damaged penstock with New penstock, fabrication and erection; Grade of steel IS 2002 Gr B	400	Kerela State Electricity Board
4	Teesta Low Dam Project Stage III	Design, Fabrication, Erection, Testing and Commissioning of Pressure Shaft/ Penstock Steel Liners having Dia 7.0 m, Grade of steel IS 2002-Gr 2	706	NHPC Limited
5	Sorang Hydro Electric Project	Fabrication & erection of Penstock from upper end of Bend 12 to the upstream end of the existing Y-Bifurcation; Grade of Steel ASTM 517 Class F	1010	Sorang Penstock HPP Consortium
6	2 X 50 MW Tidong IHEP	Fabrication, Transport, Erection, Testing and associated Civil Works; Grade of Steel	2450	NSL Tidong Power Generation Private Limited
7	Bajoli Holi HEP	Supply, Fabrication, Erection & Commissioning of Diversion Tunnel Gate	125	Gammon India
8	(3 x 3 MW) DAH SHEP	Development of (3 x 3 MW) DAH SHEP on EPC Basis, J&K	500	JKSPDC



Sr. No.	Project Name	Scope of Work	Tonnage	Client
9	Uhl-Stage-III- (100MW) HEP, Jogindernagar, Distt- Mandi, Himachal Pradesh	Dismantling of existing Surface Penstock fabricated from SAILMA 550 HI Steel, Complete Detailed Design & Fabrication Drawings for its replacement, Supply of steel plates, Storage, Fabrication, Testing, Painting, Transportation to Project site, Erection and Commissioning of Surface, Steel In-Liners	2000	Beas Valley Power Corporation Limited
10	2000 MW Lower Subansiri HE Project, Arunachal Pradesh	Erection/ Installation, Testing and Commissioning of Penstock Liners at Lower Subansiri HE Project, Arunachal Pradesh	5,500	Texmaco Rail and Engineering Ltd.
11	105 MW Hydropower Station at Upper Sindh Hydro Electric Project-II	Fabrication & Erection of 2.25 metre Dia Penstock	1275	J&K PDC TSL
12	Khopali Hydro Electric Project, Maharashtra	Fabrication and erection of penstock of Khopali New water conductor system stage II (Dia - 2.6 M)	3,300	L&T / TATA Power
13	Teesta Stage - V HEP	Fabrication & Erection of Penstock Steel Liners for Teesta - stg V Hydro Electric Project at Sikkim (Dia=4.70 meter)	3,750	NHPC Ltd.
14	Purulia Pumped Storage Project	Erection, Commissioning and Testing of Gates, Trash Racks, Hoist Equipment etc. for Purulia Pumped Storage Project, LOT - 5	2,044	M/s Texmaco
15	100 MW Kuttiyadi Hydro-Electric Power Project	Fabrication and Erection of Penstock Pipes and Specials		Ltd L&T

THERMAL POWER PROJECTS

SUPPLY | FABRICATION & ERECTION OF STRUCTURAL STEEL
PLANT AND EQUIPMENT MAINTENANCE | AMC

Contributed to

10,500+ MW
of Generation Capacity in the country



**TURBO
GENERATOR
BUILDING**

**MILL
BUNKER**

**ESP
UNIT**

**BUNKER
BAYS**

**CWC
LINER**

**CONTROL
ROOM**

**POWER
HOUSE**

**BOILER ,
TURBINE
INSTALLATION**

**BOILER
HOUSE**

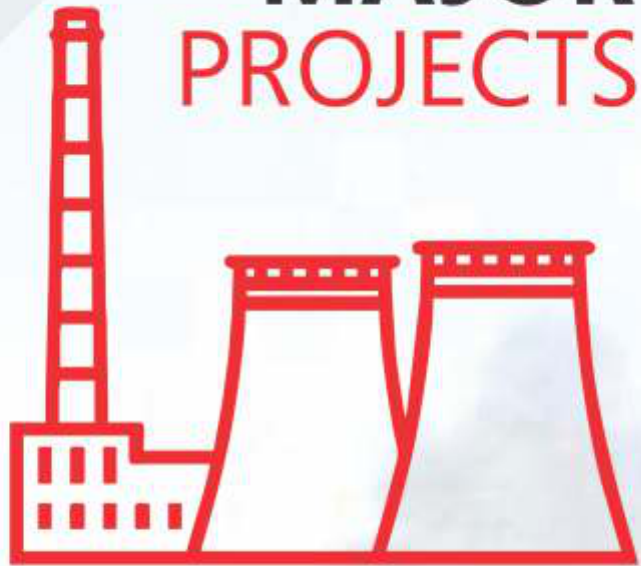
**AUXILIARY
BUILDING**

**GALLERIES
& BUNKERS**

**FLUES &
PLATFORMS
FOR HIGH RISE
CHIMNEYS**

We believe that availability of adequate power & energy is the key to sustained economic development. The group is focused on setting up of power generation plants based mainly on Coal Manufacturing Plant with a strong track record of timely completion.

MAJOR PROJECTS



NALCO Angul Orissa

Fabrication, Erection, Plant & Equipment Maintenance, Plant Operation & AMC contracts

NTPL 2x500 MW TPP, Tuticorin, TN

Fabrication & erection of structural steel for power house, bunker bay, pipe rack & other miscellaneous structures

Guru Hargobind Thermal Power Project, Bathinda, Punjab

Fabrication & Erection of Structural Steel of Main Plant Building

Durgapur Steel TPP, 2x 500 MW, Unit - II of DVC

Fabrication & erection of structural steel TG Building, Mill Bunker, Pipe Racks and CW Pipeline

NTPC- Ramagundam

Fabrication, Erection, Sand Blasting and Painting of Structural Steel for TG/SG Package

NALCO, Smelter Expansion Project, Angul, Orissa

Structural Steel Works

2x600 MW Malwa TPP, Khandwa, Madhya Pradesh

Fabrication & erection of structural steel in power house, bunker, pipe rack & other misc. structures

NTPC, Kaniha Stage - I, Orissa

Pre assembly and Erection of 500 MW Boiler structure

NTPC, Kaniha Stage - I, Orissa

Fabrication & Erection of Steel Flues & Platform for 275 m high multiflue chimney

Korba (West) Project 1x500 MW, Chhattisgarh

Supply, fabrication & erection of structural steel works of power block and other misc. structures

DVC Mejhia Thermal Power Project, West Bengal

Fabrication & Erection of steel flues & Platforms, Stair case for 220 m high chimney

2 x 195 MW Muzaffarpur TPP, Unit - II, Muzaffarpur, Bihar

Pre assembly and Erection of 500 MW Boiler structure

POWER THERMAL PROJECTS

Scope of Work

Fabrication, Supply, Testing & Erection of Structural Steel Works of Power House & Mill Bay

Key Features

- Tonnage 16,000TM

Client: Bridge & Roof Co. (I) Limited



1 X 500 MW KORBA THERMAL PLANT, Korba , Chhattisgarh

Scope of Work:

Fabrication , Erection, Sand Blasting and Painting of Structural Steel for TG/SG Package

Key Features

- Tonnage 14,000 MT

Client: Era Constructions (India) Ltd. & NTPC Ltd.



NTPC 500MW RAMAGUNDAM STPP, Andhra Pradesh

Scope of Work:

Fabrication, Supply, Testing & Erection of Structural Steel Works of Power House & Mill Bay

Key Features

- Tonnage 19,000 MT

Client: Bridge & Roof Co (I) Limited



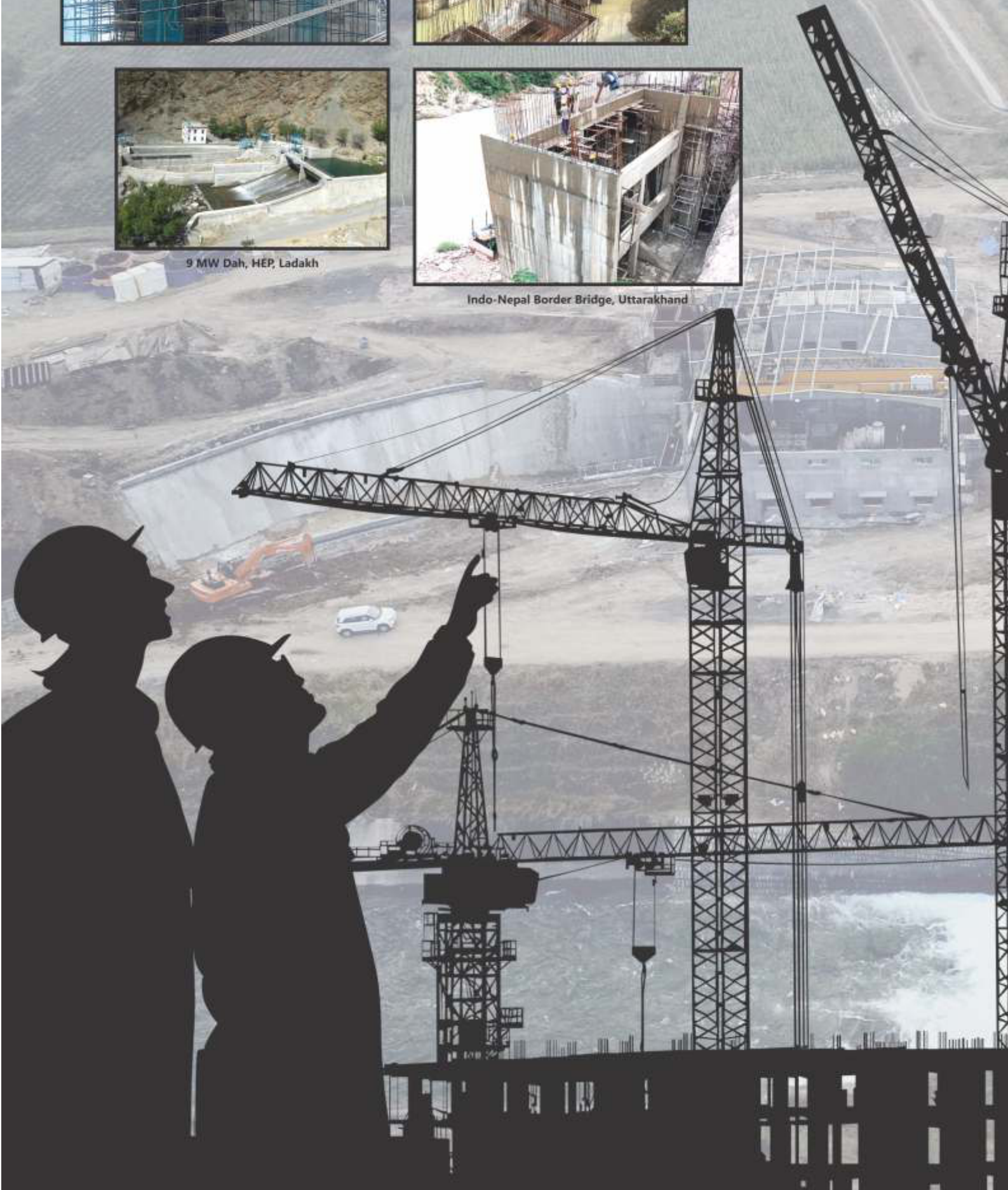
2X500MW DURGAPUR STEEL TPP UNIT II



9 MW Dah, HEP, Ladakh



Indo-Nepal Border Bridge, Uttarakhand



CIVIL CONSTRUCTION

Since 1986, P&R Infraprojects Ltd. has become one of the premier civil construction companies, thanks to a proven mix of versatility, expertise and passion. With focus on heavy civil construction, P&R Infraprojects Ltd. specializes in roller compacted concrete construction, rock excavation, rock anchors, drilling & grouting pumped concrete, bridges and water/wastewater treatment facilities to dams, transit/rail and design-building. P&R Infraprojects Ltd. owns and maintains its own extensive fleet of construction equipment & cranes.

P&R Infraprojects Ltd. has a reputation for taking on challenging and unique projects of all sizes. The thirst for new experiences has made P&R Infraprojects Ltd. one of the most versatile and dependable company in the market.

Bridges	Hydro Power Projects
Excavation	RCC Dam Construction
Foundation (Pile, Open and Well), Pile Cap	Power House Turnkey Solution
Substructure (Abutments, Pylons, Piers, Pier Cap)	Tunnels
Foundation Anchors, Bolts and Tendon Anchors	Hydraulic Concrete Structures
Installation of Bearings	Plasma Blasted Rock Excavation
Installation Expansion Joints	Diamond Cutting
Deck Slab Casting	Rock Drilling
Bitumen Surfacing	Mass Concrete Demolition
Approach Bridge	Foundation Grouting



OUR WAY FORWARD

With over three decades of expertise in steel fabrication and erection across various structures, we have evolved into a multidisciplinary infrastructure firm. Our capabilities extend beyond providing end-to-end solutions for specific projects; we are actively expanding our horizons into new infrastructure domains.

OUR RECENT PROJECTS INCLUDE

- **Transmission Lines:** Currently undertaking the construction of India's highest transmission line in Ladakh on EPC basis
- **Water Works:** Executing Kajauli Water Works project, vital water supply project with the Municipal Corporation of Chandigarh
- **Passenger Ropeway:** Developing a passenger ropeway at Baba Balak Nath Temple in Himachal Pradesh, operating on a Build-Operate-Transfer (BOT) basis.
- **Snow Stopper:** Developed design and technology for manufacturing and installation of Avalanche Stopper near Manali in collaboration with DGRE division of Defence Research Development Organization DRDO.
- **Vertical Integration:** In order to provide the most cost effective solution we are looking forward to manufacture expansion joints and bridge bearings in our upcoming manufacturing facility.

We are committed to delivering innovative and sustainable infrastructure solutions that meet the diverse needs of our clients and communities.



Snow Stoppers, Manali



66 KVA Transmission Line, Ladhak



WHY CHOOSE US ?



Highest Quality Standards

We maintain importance of time frame and Quality standards of ASME, RDSO and ISO while executing our projects



Diverse Experience

3+ years of experience in serving private and public sectors in building bridges, steel superstructures, power projects etc.



End-to End Services

Our in-house engineering, manufacturing, transportation and erection capabilities allow us to offer the best prices to our clients



Latest Technology

We leverage best in class technology and techniques such as automated beam lines, Robotic welding, CNC cutting and drilling, Laser and Plasma cutting Machines.





IRCON INTERNATIONAL LIMITED
(A Government of India Undertaking)



RTDC
Rapid Transport Systems Development Corporation HP Ltd.
रपिड ट्रांसपोर्ट सिस्टम डेवलपमेंट कॉर्पोरेशन हि.प्र. लि.



A Navratna CPSE



A Govt. of J&K PSU



**Sardar Sarovar
Narmada Nigam Limited**



കേരളത്തിന്റെ ഊർജ്ജം



उत्तराखण्ड शासन



(A Government of India Enterprise)



KOLKATA



SRFDCL



Building Nation Since 1920



SP Singla Constructions
Pvt. Ltd.
Building Infrastructure for future



Shapoorji Pallonji



TATA POWER



GAMMON
Builders to the nation



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PRIVILEGED TO BE GLOBAL





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