

# EASTERN BUSINESS REVIEW

## Building The Nation Responsibly

**Bridge And Roof Company (India) Limited** plays a significant role in the growth and development of the social, economic, industrial and infrastructural landscape of India

Primarily a construction company, Bridge And Roof Company (India) Limited, known as B AND R, is a one source multi-disciplinary design, engineering, construction, EPC, solutions and project management consultant enterprise. The company implements projects for the central and state government, private clients, autonomous bodies and executes work in various sectors — Power, Hydrocarbons, Steel Plants, Fertilisers, Cement, Railways, Environmental Projects, Educational Institutions, Hospital Projects, Rural Development, Roads & Highways, etc.

B AND R workshop in Howrah manufactures Bailey Type Unit Bridges, Bailey Suspension Bridges, Underground Storage Tanks, Porta Cabins, Structural Bridge Girders, LED Lights, etc.

While its corporate office is located at Kolkata, B AND R has a pan India presence with around 120 project locations from Arunachal Pradesh in the East to Rajasthan in the West, and Jammu in the North to Kochi in the South. Zonal offices are in Delhi, Chennai, Mumbai, Bhubaneswar, Ranchi and Kolkata whereas regional and project offices are present in Vadodra, Guwahati, Prayagraj and Visakhapatnam.

### Inception And Milestones

→ Incorporated on January 16, 1920 as a subsidiary of Balmer Lawrie & Co Ltd, B AND R became a government company on September 30, 1972 as a consequence of the acquisition of majority of shareholding of Balmer by Indo-Burma Petroleum Co Ltd, a company under the Ministry of Petroleum and Chemicals, Government of India.

From July 2, 1987 onwards, the company became a subsidiary of Bharat Yantra Nigam Ltd (BYNL) whereby the administrative control of B AND R was transferred to the Department of Heavy Industry under Ministry of Heavy Industries and Public Enterprises. With the

Govt's decision to close down BYNL, B AND R came under the administrative control of the Department of Heavy Industry and Public Enterprises (now Ministry of Heavy Industries) from May 6, 2008. On July 6, 2021, B AND R came under the Ministry of Heavy Industries.

### Standing Tall

→ B AND R is accredited with several ISO Certifications including ISO 9001:2015 Quality Management System, ISO 45001:2018 Occupational Health and Safety Management Systems, ISO 14001:2015 Environmental Management System, ISO 50001:2018 Energy Management System, and ISO 27001:2022 Information Security Management System.

B AND R started operations on a small scale with structural steel work. Today it is a giant conglomerate permanently employing 1,000 people, out of which around 95% executives are engineers. Moreover, the construction sector of B AND R is a significant source of employment, deploying around 20,000 labours across its project locations, providing jobs for a range of skills, from unskilled labourers to specialised professionals.

### Vision And Mission

→ Vision is to become a world leader in Engineering, Construction and Project Management solutions through cost-ef-



• Main Power House Unit I & amp; II at NTPC Ltd 2x800 MW Super Thermal Power Project at Gadwarwa (2013-20)



• Erection of 1370 MT equipment by 3200 MT crane and 1600 MT trailing crane at Bathinda Refinery of HPCL-Mittal Energy Ltd (2020)

fective services and customer satisfaction. The mission is to provide the highest level of service in construction industry through excellence in quality, timely completion with safety and value-added services for projects.

### Products And Services

→ Since 1920, B AND R has evolved into a versatile organisation, providing diversified range of design, engineering, procurement, construction and project management consultancy services to public and private sectors in India and abroad. Till date, B AND R has accomplished nearly 2,000 domestic and about 39 overseas projects in various sectors. The focus remains on projects

for the Industrial sector. B AND R's most profitable segments are Oil and Gas and EPC Industrial Projects, Infrastructure Development and Infrastructure Work on PMC Basis.

### Notable Achievements

→ Delivery of Oil Sector projects under Ministry of Petroleum and Natural Gas (MoPNG) — construction, erection and commissioning of Bharat Stage-VI (BS-VI) compliant projects at Bhatinda, Vadodra, Chennai, Mangalore, Paradip and Haldia Refineries; delivery of railway projects under Indian Railways, such as road over bridges & rail flyovers, workshops and works directorate and delivery of power and

power transmission projects of GPSEs under Ministry of Power (MoP), such as NTPC, NHPC, POWERGRID at various locations, and also for state government and private entities. Also, steel plant expansion projects under Ministry of Steel for PSUs such as SAIL at various locations, RINL at Vizag; erection of medical colleges under PMSSY Scheme for Ministry of Health & Family Welfare like the hospital complex at Jaipur, Indore and Bhavnagar; erection of residential schools for tribal students under Ministry of Tribal Affairs in Jharkhand, Odisha and West Bengal, which is under progress. Construction of rural road of more than 250 km under PMGSY in Odisha and around 1,000 dwelling units

for economically weaker section under Rajiv Awas Yojana under the Ministry of Housing and Housing Affairs for the Government of Odisha. Manufacture, supply, erection and commissioning of 1400-ft-long Bailey Bridge strategically located on Darbuk Shyok-Daulat Begh Oldie Road in Leh, Ladakh, under the Ministry of Defence and development of Junglighat Harbour (RCC Finger Jetty) in Port Blair for Andaman Harbour Works, under Ministry of Shipping are its other achievements.

B AND R has bagged orders for three FGD from MAHAGENCO Paras Power Project and Chhattisgarh State Electricity Board for their plants at Korba and Marwa, amounting to ₹ 2,000 crore.

### Innovative Methodologies

→ The company has diversified into Flue-Gas Desulfurisation (FGD) System on EPC basis to remove sulphur-dioxide from exhaust flue-gases in thermal power plants. Research, development and technological advancements in wet FGD application have improved the efficiency and environmental sustainability of this essential pollution control technology.

### Growth Strategy

→ B AND R's business goals and objectives of becoming a transnational leader in the construction industry have taken shape through various endeavours — focus and maintain business in its most profitable segments — Oil & Gas — while creating new business verticals to explore additional opportunities, optimise business mix between PMC jobs, EPC contracts and other types of Public/Private Sector work, enhance and upgrade design and engineering facilities; expand business volume to International Projects having higher margins; strengthening existing customer base through operational excellence and expansion of market domain.

### Sustainable Initiatives

→ In global technological collaboration with ASTC Environmental Engineering Co Ltd of Japan, B AND R has branched out in advanced technologies for environmental protection. However, around 70% of the materials and services are indigenous in keeping with 'Atmanirbhar Bharat Abhiyan'.

### CSR Update

→ CSR initiatives include financial assistance in school education, health-care and nutrition, improving rural school and hostel infrastructure for the underprivileged children, maintenance of toilets constructed by B&R in schools under Swachh Vidyalaya Scheme, building hospital infrastructure, provision of vocational and skills training etc.



• Rajesh Kumar Singh, CMD; Ravi Kumar, Director (Project Management) and Nav Ratan Gupta, Director (Finance)



• General Manager (Corporate Planning) along with other senior officials of Bridge and Roof Company participated in the 105<sup>th</sup> Foundation Day



• Rajesh Kumar Singh, CMD, lights the lamp during the 105<sup>th</sup> Foundation Day on January 16, 2024 in the presence of other directors at Howrah Workshop



सरमिने जर्दे  
Ministry of Heavy Industries  
Government of India



बी एंड रूफ  
B AND R

## SERVING CONSISTENTLY FOR NATION BUILDING SINCE 1920



**ब्रिज एंड रूफ कम्पनी (इण्डिया) लिमिटेड**  
(भारत सरकार का एक उद्यम)  
चौथी एवं पांचवीं मंजिल, कंकड़िया सेंटर  
2/1, रसल स्ट्रीट, कोलकाता - 700 071

**BRIDGE AND ROOF COMPANY (INDIA) LIMITED**  
(A Government of India Enterprise)  
4<sup>th</sup> & 5<sup>th</sup> Floor, Kankaria Centre,  
2/1, Russel Street, Kolkata - 700071

दूरभाष नं. / Phone No: (91) (033) 2217 4054 / 2274 to 2276 | फैक्स नं. / Fax No: (91) (033) 2217 - 2106 | ई-मेल / Email: bridge@bridgeroof.co.in  
सीआरएन नं. / CIN No. U27310WB1920GOI003601

bridgeroof.co.in | @bandr1920 | @bridgeroof | @bridgeroofco.ilt.289