

METROSH

INFRA PROJECTS PRIVATE LIMITED

ENGINEERS | DESIGNERS | MANUFACTURERS | SUPPLIER



























Head Office: N-99/1, North City Extention,

Opp. Kurmanchal Nagar, Bareilly-243122 (U.P.)

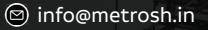
Manufacturing Road No.20, Plot No. 205, Tulia

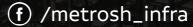
Unit: Road, Parsakhera Industrial Area, Bareilly (U.P.) 243502



Contact Us:

+91 78306 91694, +91 95208 54490







ABOUT US

Welcome to Metrosh Infra Projects Private Limited, a trusted leader in the manufacturing, supply, and erection of pre-engineered steel buildings, steel girders, foot over bridges (FOB), road over bridges (ROB), and limited height subways (LHS). With a vision to transform the construction industry, we are dedicated to delivering innovative and high-quality infrastructure solutions.



Our journey began in 1996 with the establishment of MH Engineering, a proprietorship firm built on the principles of excellence and customer satisfaction. Over the years, we have grown and evolved, successfully completing numerous projects and earning the trust and respect of our clients. In recognition of our dedication to quality and innovation, we transitioned into Metrosh Infra Projects Private Limited, expanding our capabilities and broadening our scope of services.

Our success is driven by a team of highly skilled professionals who bring a wealth of experience and technical expertise to every project.

We harness cutting-edge technology and implement rigorous quality control measures to ensure our structures are not only aesthetically appealing but also robust, sustainable and built to last.

At Metrosh Infra Projects Private Limited, our passion for excellence motivates us to continuously raise the bar in the industry. We remain steadfast in our commitment to delivering outstanding results, meeting the evolving needs of our clients, and contributing to the growth and advancement of the construction sector.

We look forward to building on our legacy of success and continuing to shape the future of infrastructure development.

www.metrosh.in

OUR >>> VISION AND MISSION

Our vision is to pioneer the future of construction by operating an entire facility with **net-zero energy consumption**, setting a standard for sustainability and environmental responsibility in the industry.

We are dedicated to delivering the most cost-effective and customized solutions for your industrial buildings, utilizing our extensive expertise to ensure that every project is tailored to meet your unique requirements.



VALUES 1



Safety First:

The safety and well-being of our workers is our highest priority.



Client Empowerment:

We foster a sense of ownership in our clients, ensuring their involvement throughout the project.

Transparency:

We uphold a commitment to transparency, keeping clients informed about every aspect of their projects.

Trustworthiness:

The trust our clients place in us is fundamental to our identity and drives our commitment to excellence.



We operate with integrity, ensuring ethical practices in all our business dealings.

Honesty Honesty is at the heart of our relationships, fostering open communication and reliability.

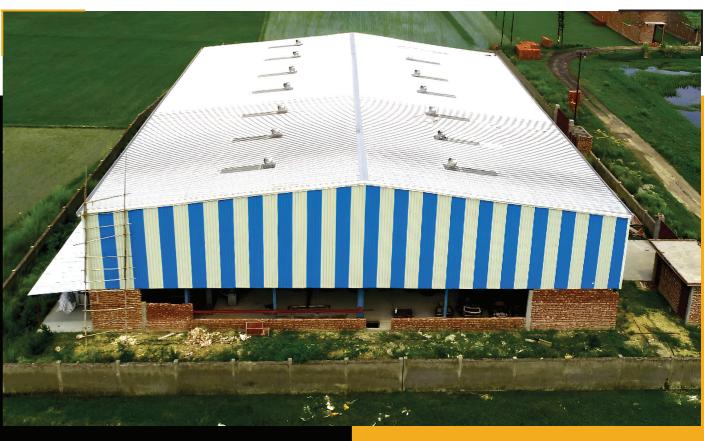
Respect

We treat everyone-clients, employees, and partners-with respect and dignity, valuing diverse perspectives and contributions.

Why **Metrosh Infra** Stands Out

The foundation of any structure lies in its quality materials and precise construction, and at Metrosh Infra Projects Private Limited, we prioritize both. Our pre-engineered buildings are built to withstand the test of time, ensuring that every building—whether it is a residential property, a commercial facility, or an industrial unit—is robust, resilient, and designed for longevity. Unlike traditional buildings that rely on concrete and timber, our focus is on steel as a primary material, offering enhanced durability, flexibility, and speed of construction. From warehouses and storage units to industrial complexes and commercial offices, we deliver structures that are tailored to meet specific functional requirements while ensuring they are aesthetically pleasing and built to last. We're not just constructing buildings; we're crafting future-ready structures designed to elevate the standards of modern construction.







COMPREHENSIVE SOLUTIONS

UNDER ONE ROOF



At Metrosh Infra Projects Private Limited, we offer an end-to-end solution that covers every aspect of PEB manufacturing—from designing, research and development, fabrication, and quality control to assembly and erection at the site. With an in-house team of skilled designers, engineers, and fabricators, we ensure that every project is executed with meticulous attention to detail. This means that every structure is built according to precise measurements, resulting in efficient use of raw materials and an optimized design that aligns with the client's vision.

Our modern manufacturing units are equipped with cutting-edge machinery and automated processes, allowing us to handle bulk orders with accuracy and speed. This ensures that we can meet tight deadlines without compromising on quality. All components such as Primary Frames, Secondary Frames, Roof and Wall Panels, and Sandwich Panels are produced with the utmost precision and adhere to international standards.



Our Products & Services



Pre-Engineered Buildings

Custom-designed structures that ensure efficiency, durability, and rapid construction.



Precision Manufacturing

Advanced manufacturing techniques that guarantee high-quality, precision-engineered components.

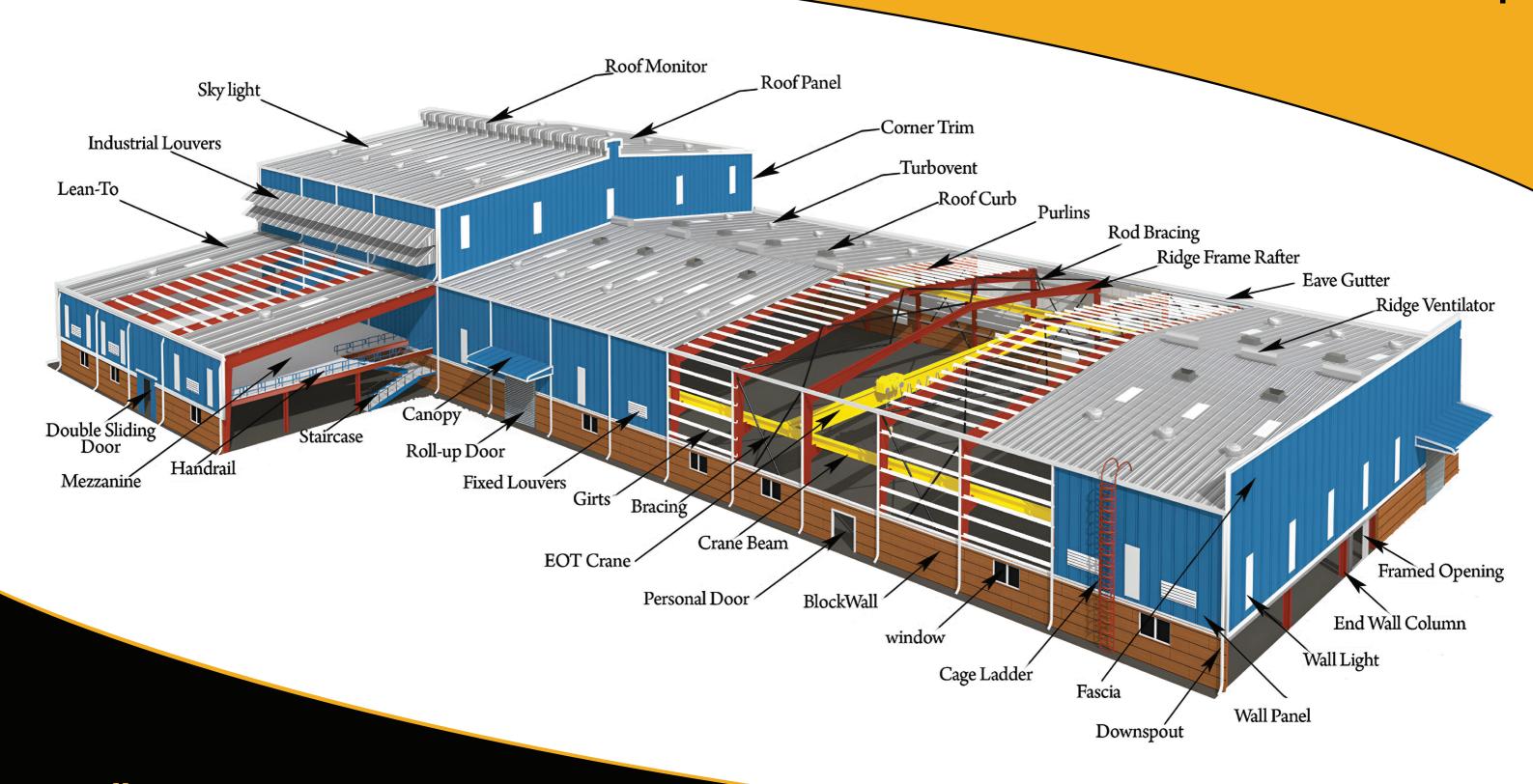


Light Gauge Steel Framing

Innovative framing solutions that provide strength and flexibility while minimizing weight and cost.



PRE-ENGINEERED BUILDING'S CONSTRUCTION AND ERECTION PROCESS



"PRECISION IN EVERY BEAM,
STRENGTH IN EVERY STRUCTURE."

Pre-Engineered Building Components



PRIMARY FRAMING MEMBERS

The primary framing members, specifically the H-beams are crafted from high-quality hot-rolled (HR) steel plates, meticulously cut to specified dimensions, and adhering to the ASTM A572 grade standard with a minimum yield strength of 345 MPa. These plates are skillfully welded together, employing continuous welding on one side and stitch welding at regular intervals on the other, resulting in a robust H-beam structure.

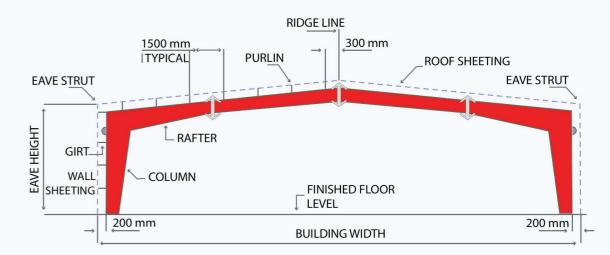
These sections are custom-built, allowing for the creation of virtually any size according to specific design requirements. To ensure a secure connection, splice plates are welded to the ends



of the various H-beam sections. The complete frame assembly is achieved by bolting these splice plates together, resulting in a sturdy and reliable framework.

At Metrosh Infra Projects Private Limited, our pre-engineered steel buildings are designed with a commitment to 100% customization, optimizing space utilization while providing exceptional strength and safety.

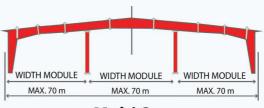




Frame Cross Section



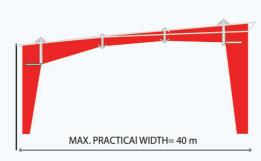
Clear Span



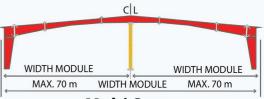
Multi Span



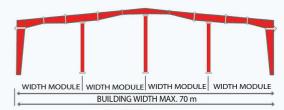
Roof System



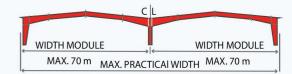
Mono Slope



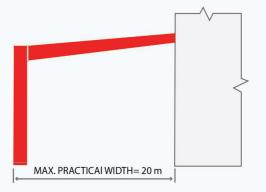
Multi Span



Multi Span

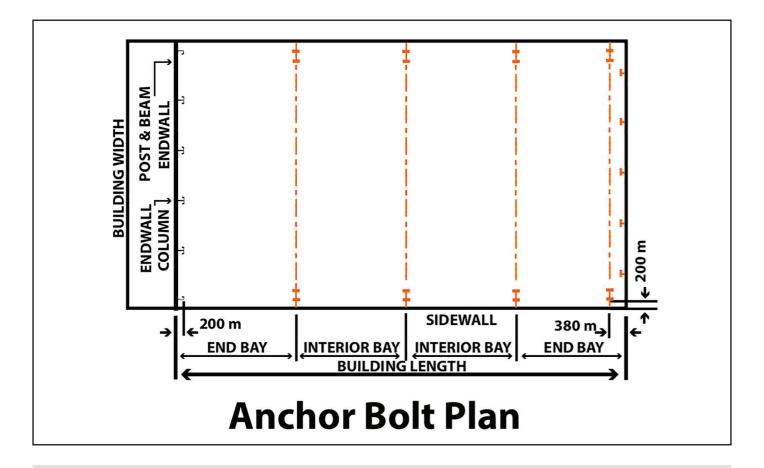


Multi Gable



Lean - To

OUR ARCHITECTURAL SPECIFICATIONS ENCOMPASS:



Key Building Specifications

Building Width: The measurement from the outer edge of the eave strut of one

sidewall to the outer edge of the eave strut of the opposing wall.

Building Length: The distance between the outer flanges of the end wall columns

located at the facing end wall.

End Bay Length: The span from the outer edge of the outer flange of the end wall

columns to the centerline of the first interior frame columns.

Interior Bay Length: The distance between the centerlines of two adjacent interior main

frame columns, typically varying from 6m, 7.5m, and 9m to 15m.

The building height, defined as the eave height, measures from the base plate of the main frame column to the top outer point of the eave strut, reaching heights of up to 30m. For columns that are recessed or elevated above the finished floor, the eave height is measured from the finished floor to the top of the eave strut.

Additionally, the roof slope is the angle formed between the roof and the horizontal plane, commonly set at a ratio of 1:10.

SECONDARY MEMBERS

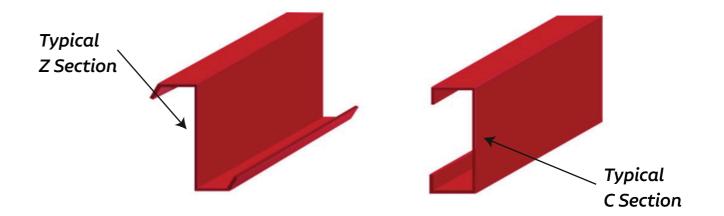
Secondary members, including purlins, girts, and eave struts, play a crucial role in the structural integrity of pre-engineered buildings. Their primary functions include:

♦ Load Resistance: They act as struts that help resist a portion of the longitudinal loads, imposed on the building, including wind and earthquake forces.

◆ Lateral Bracing: These members provide essential lateral bracing to the compression

flanges of the main frame members, effectively increasing the overall

frame capacity.



Constructed from high-grade steel with a minimum yield strength of 345 MPa, these secondary members are available in thicknesses ranging from 1.5 mm to 2.5 mm. They are finished with a pre-galvanized coating or treated with a Zn chromate primer to ensure robust corrosion protection.

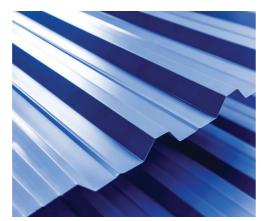


ROOFING AND WALL CLADDING PANELS

Metrosh pre-engineered buildings feature roofing and wall cladding panels crafted from 0.5 mm thick Galvalume material with a yield strength of 550 MPa. The roofing panels are composed of bare Galvalume, while the wall cladding panels come in color-coated Galvalume.







Roofing and Wall Cladding Panel

Key specifications include:

Paint Film Thickness:

The exterior weather face features a paint film thickness of 25 microns, complemented by 5-7 microns of polyurethane-compatible epoxy primer on the interior face.

- Coating Specifications: The sheeting material is hot-dip metallic coated with 150 gm/m² total, AZ 150, conforming to ASTM A792 or AS 1392. The walls are coated with a 25-micron regular modified polyester paint system applied to Zincalume.

Metrosh offers a selection of various colours for wall cladding panels, ensuring aesthetic versatility. Our roofing and wall cladding panels are engineered to provide:

- **+** Exceptional Corrosion and Weather Resistance: Designed to withstand harsh environmental conditions.
- Extended Spanning Capability: Supporting longer distances without compromising structural integrity.
- Thermal Efficiency: Enhancing energy conservation within the facility.
- Long Durability and Safety: Ensuring a reliable and secure structure for years to come.

Commitment to Quality and Excellence

What truly sets us apart in the industry is our unwavering commitment to quality. We follow stringent quality control measures at every stage of the production process. Every raw material that enters our facility undergoes rigorous inspection by our Quality Control (QC) department to ensure that it meets predefined international standards. This attention to detail ensures that every pre-engineered building that leaves our facility is built to the highest standards of safety and reliability.



Our certifications, including ISO 9001: 2015, OHSAS, and EMS, are a testament to our dedication to delivering premium quality solutions.

Additionally, our inventory management system ensures that we always have the necessary raw materials and spares in stock, allowing for seamless production without delays.

Solutions We Provide

PRE-ENGINEERED STEEL BUILDINGS:



Warehouses

Efficient and spacious solutions for storage and distribution needs.



Durable structures designed to accommodate aircraft of various sizes.





Heavy Factory Structures

Robust facilities engineered for industrial operations.

Railway Over Bridges

Safe and reliable designs for rail crossings.





Multilevel Car Parking

Maximizing space with innovative parking solutions.



Industrial Sheds

Versatile structures for various industrial applications.

Steel Girders

High-strength steel girders for enhanced structural support.





High-Rise Steel Structures

Engineered for urban landscapes and commercial use.

Multi-Story Steel Buildings

Efficient designs for residential and commercial multi-story constructions.





Railway Foot-over Bridges

Safe pedestrian crossings over railways.

Road Over Bridges (ROB)

Elevated structures that allow safe vehicular and pedestrian movement over railway tracks, ensuring smooth traffic flow and reducing congestion at rail crossings.





Various Civil Construction Projects

Comprehensive solutions tailored to diverse civil engineering needs.

Industries We Cover



Automotive

Comprehensive solutions tailored for manufacturing and assembly facilities.



Food

State-of-the-art buildings designed for food processing, packaging, and storage.



Electrical & Electronics

Facilities that support the assembly and testing of electrical and electronic components.



Chemical

Specialized structures designed to meet the rigorous demands of chemical production.



IT

Modern infrastructure that supports data centers and tech companies.



Railway

Infrastructure solutions supporting railway operations and maintenance.



Power

Robust structures for power generation, distribution, and maintenance.



Pharmaceutical

High-standard facilities ensuring compliance with health regulations for drug manufacturing.



Steel

Facilities dedicated to steel manufacturing and processing.

and many more...

We cater to a diverse range of industries, providing tailored solutions to meet specific needs.

Applications

INDUSTRIAL:



Factories

Designed for efficient production and manufacturing processes.



Workshops

Versatile spaces for skilled trades and craftsmanship.



Warehouses

Spacious and organized storage solutions for various goods.



Cold Stores

Temperature-controlled facilities for perishable products.



Loom Sheds

Specialized spaces for textile manufacturing and weaving operations.

AVIATION & MILITARY:



Aircraft Hangars

Robust structures designed for the storage and maintenance of aircraft.



Administration Buildings

Functional spaces for operational management and coordination.



Residential Barracks

Comfortable living quarters for military personnel.

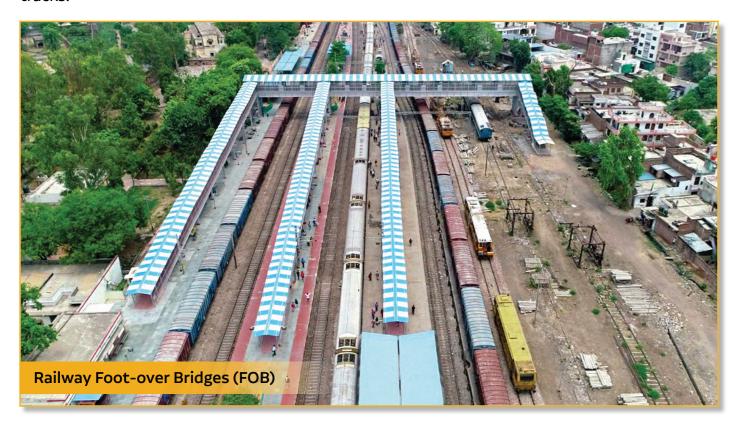


Support Facilities

Essential services and infrastructure to support aviation and military operations.

RAILWAY INFRASTRUCTURE:

Engineered structures such as Foot-over bridges (FOB) and Road-over bridges (ROB) that ensure safe and efficient pedestrian and vehicular crossings over railway tracks.





COMMERCIAL



Showrooms

Dynamic spaces designed to showcase products and enhance customer engagement.



Restaurants

Inviting environments for dining, designed for both functionality and aesthetic appeal.



Offices

Versatile workspaces that promote productivity and collaboration.



Shopping Centers

Comprehensive retail environments that cater to diverse shopping needs.



Car Parking Sheds

Secure and convenient structures for vehicles storage and protection.

INSTITUTIONAL



Schools

Purpose-built facilities that foster learning and development in a conducive environment.



Exhibition Halls

Versatile spaces designed to host trade shows, exhibitions, and public events.



Hospitals

Critical healthcare facilities equipped to provide comprehensive medical services.



Theaters

Acoustically optimized venues for performances, presentations, and cultural events.



Auditoriums

Spacious gathering areas designed for lectures, seminars, and community functions.

RECREATIONAL

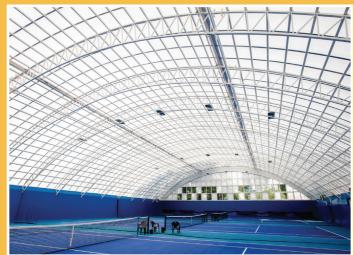


Stadiums

Large-scale venues designed for sporting events, concerts, and community gatherings.



Versatile spaces equipped for various sports and fitness activities.





Indoor Tennis Courts

Controlled environments for year-round tennis play, promoting both recreation and competition.

Swimming Pool Enclosures

Protective structures that enhance the usability and safety of swimming facilities.

AGRICULTURE



Poultry and Dairy Farms

Specialized facilities designed to support the efficient management of livestock and dairy production.



Greenhouses

Controlled environments for cultivating plants, maximizing growth potential year-round.



Grain Storage

Durable structures designed to protect and preserve harvested grains from spoilage and pests.



Animal Confinement

Secure and humane enclosures for livestock, ensuring their health and welfare.

WHAT WE DO?

Master Project Planning

Comprehensive planning services to ensure projects are executed efficiently and on schedule.





Project Consultancy

Expert guidance throughout the project lifecycle, from conception to completion.

Structural Designs

Innovative and compliant structural designs tailored to meet project specifications and requirements.





Manufacturing and Erection

High-quality manufacturing of components and professional erection services to ensure robust construction.

Green Construction

Sustainable building practices aimed at minimizing environmental impact and promoting energy efficiency.





Civil Work Support

Integrated civil engineering services to complement our construction projects and enhance overall quality.

At Metrosh Infra Projects Private Limited, we recognize the significance of emotions that drive the initiation of any new venture. Constructing a cohesive steel building that aligns with your aspirations is central to our mission. We are committed to leveraging our extensive expertise to provide our clients with both world-class service and top-tier products.

FOOT OVER BRIDGE (FOB)



A foot-over bridge is a pedestrian bridge designed to provide a safe and convenient way for people, and in some cases cyclists, to cross busy roads or railway tracks. In urban India, these bridges have become essential for ensuring pedestrian safety, allowing people to cross without the risk posed by high-speed traffic while maintaining uninterrupted vehicle flow. In rural areas, foot over bridges are especially useful for crossing rivers or other natural obstacles, providing vital connectivity.



Metrosh Infra Projects Private Limited is a trusted expert in the construction of foot over bridges, managing both the civil and steel structural aspects of each project. The construction process involves the manufacturing, fabrication, and erection of durable steel structures, ensuring both safety and longevity. One of our key accomplishments includes building a foot over bridge of up to 90 meters in length for North Central Railways as a subcontractor, showcasing our expertise in delivering large-scale infrastructure projects with precision and quality.

ROAD OVER BRIDGE (ROB)

The construction of a road over bridge (ROB) provides significant relief from obstacles faced by the local population, enhancing mobility and connectivity in the area. The design of each ROB is tailored to the specific functional requirements of the site, taking into account factors such as traffic patterns and land use. Additionally, the choice of materials is influenced by the local climatic conditions to ensure durability and safety.





Indian Railways is actively constructing ROBs at all manned and unmanned level crossings to facilitate the smooth flow of road traffic and to minimize the risk of accidents caused by human error.

Metrosh Infra Projects Private Limited has successfully completed numerous ROB projects for Northern Railway, North Central Railway, West Central Railway, and North Eastern Railway as a subcontractor. Our commitment to quality and expertise in infrastructure development ensures that we deliver robust and reliable road over bridges that meet the needs of the communities we serve.

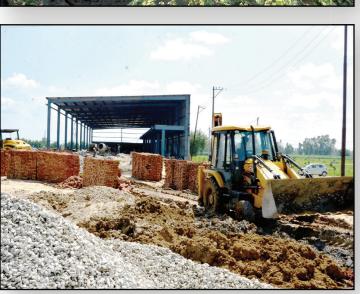
Civil Construction



Metrosh Infra Projects Private Limited brings complete expertise to turnkey civil construction and is a reputed civil construction company in Bareilly, Uttar Pradesh. When you sign a turnkey contract with us, you are assured of the best minds working for the success of your project. Our construction practices are best in class, and we are admired for our ability to associate with top brands and successfully deliver complex projects. Our activities create a positive impact on the community, unlock value, and are rooted in sustainability.

Our expertise in turnkey civil construction includes all segments like Industrial Buildings, Commercial Buildings, Educational Buildings, Apartments, Hospital Buildings, Hotels, and Hospitality, and also civil works for Pre-fabricated Steel Structures and PEB Buildings.







Our turnkey activities encompass all aspects of civil works, including land development, foundation and piling, stability analysis, construction, and handover. With rich expertise in consultancy, we take pride in sharing our knowledge and do not charge any consultancy fee for discussions and designs for turnkey projects.

This makes us one of the leading construction companies in Bareilly, Uttar Pradesh.

COMPLETED PROJECTS

















COMPLETED PROJECTS















COMPLETED PROJECTS













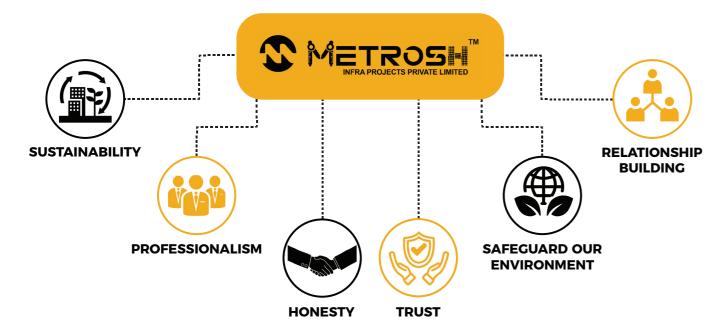




Why Choose Us?

We do not get bothered by the complexity of projects whereas it may have many challenges because we are **Metrosh Infra Projects Private Limited**, having rich practical experiences and qualifications of critical tasks with steel and concrete. So, that experience and qualification give us the potential to achieve every success milestone by building landmarks.

We practice sustainability to safeguard our environment and maintain the highest levels of professionalism, honesty, and trust in our relationship with clients, employees, and affiliates so that we can build a strong bond with our stakeholders.





Quality Control, Health and Safety Management, & Environmental Management

Metrosh Infra Projects Private Limited takes immense pride in its commitment to quality control, health and safety management, and environmental stewardship. We are certified by the International Organization for Standardization (ISO), and we adhere rigorously to all certification criteria and standards in the execution of every project.

Our dedication to quality control ensures that we deliver superior results that meet or exceed industry benchmarks. We prioritize health and safety at all job sites, implementing comprehensive safety protocols to protect our team and the communities we serve. Additionally, our environmental management practices reflect our commitment to sustainable construction methods, minimizing our impact on the environment while promoting responsible resource use.







ISO 9001:2015

At Metrosh Infra Projects, our ISO 9001:2015 certification underscores our commitment to delivering premium quality in every product and project. We adhere to stringent quality management principles, ensuring that all processes are aligned with the standards set forth by this certification. This dedication guarantees that our clients receive exceptional results that consistently meet or exceed their expectations.

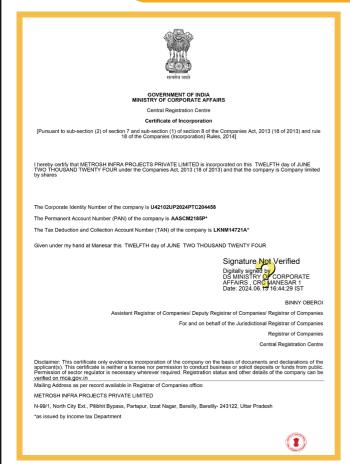
OHSAS 45001:2018

Metrosh Infra Projects is committed to maintaining the highest standards of health and safety through our OHSAS 45001:2018 certification. This internationally recognized standard ensures that we implement effective occupational health and safety management systems. By prioritizing the well-being of our employees and stakeholders, we create a safer work environment while minimizing risks and promoting continuous improvement in our safety practices.

EMS 14001:2015

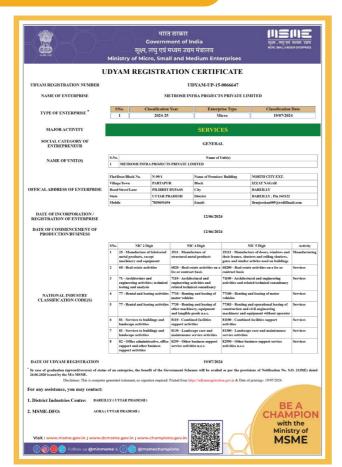
At Metrosh Infra Projects, our EMS
14001:2015 certification reflects
our commitment to effective
environmental management. This
internationally recognized
standard ensures that we
systematically identify, manage,
and mitigate our environmental
impact. By integrating
sustainability into our operations,
we promote responsible resource
use and strive for continuous
improvement in our environmental
performance, contributing to a
greener future.

MEMBERS LINKED WITH CERTIFICATION



				(
CERTIFICAT:			#sto	rtupindia
		Government of India Ministry of Commerce & Industry		
		Department for Promotion of Industry and Internal		
(FRTIFIC	ATE OF RE		N
	ERTHIC	~~~~~~~	COGMITIC	
	recognized as a startup by th	PROJECTS PRIVATE LIMITES the Department for Promotion of Is on' Industry and 'Others' sector as	ndustry and Internal Trade. The s	
	This certificate shall only	be valid for the Entity up to Ten years	from the date of its incorporation	
		and the second s		
		IK A		
	27-08-2024		11-06-2034	
		- W & & & W	VALID UPTO	







By integrating these critical management practices into our operations,

Metrosh Infra Projects Private Limited

not only meets the highest standards of excellence but also contributes positively to the industry and society as a whole.

OUR VALUABLE CLIENTS



































































K

