



MecSolTec

TRANSFORMING IDEAS INTO REALITY



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MecSolTec (Construction Company)



ABOUT MECSOLTEC
BEST CONSTRUCTION AS WELL AS PMC COMPANY IN INDIA
KNOWN FOR THE HIGHEST QUALITY STANDARDS

MecSolTec

Project Management Company Headquartered in Noida is a rapidly growing and well-reputed construction company in India. We are involved in a full range of engineering, architectural, and construction activities for industrial, commercial, and Residential infrastructural development. Since 2023 we have delivered end-to-end solutions in 10 business segments, namely construction, PEB, MEP, interior fit-outs, turnkey projects, road services, General contracts, maintenance, collaboration, and project management. The unique amalgamation of commitment, innovation, and confidence is the essence of our company's culture. Using modern principles and sophisticated technologies we envision being the primary preference at all times both nationally as well as globally for our renowned excellence, quality performance, and reliability in all types of construction in India.

MecSoltec Name of Trust

Since our inception year, we have accomplished client's faith and that's what we consider our success. We have a reputation for striving towards enhancement and perfection on every project that we undertake, regardless of its size. Thus, from major construction and building projects through the provisions of refurbishment services, designing, and fit out- our services extend to all the big and small spheres of building and construction. Our highly trained in-house team of engineers, architects, and designer apply their specialized skill set of knowledge to efficiently produce high-quality service at your delight.

Strict Quality Control

Our personnel are extremely capable of coordinating and understanding the client's perspective, as our clients are our greatest advocates and thus, we offer all our services keeping in view their needs and desires. We are meticulous about the quality of the services we provide, to resist risk we procure most of the material centrally i.e., Purchased directly from the companies instead of distributors to ensure the best available material is being used furthermore, regular reviews by subject/ Technical experts in order to check work done, quality of raw material, the pace of work and safety concerns. In this way, we work diligently, efficiently, and effectively.

Experience

There is an old saying "Perfection comes after practice and experience", with over 100 happy clients Sense Projects is now an old-handed team of professionals, setting benchmarks with each passing year. Awarded as the best construction company, our work includes Commercial, Residential, Hotels, Resorts, retail, shopping malls, Restaurants, institutions, Landscaping, industrials, Hospitals, and road services. Our workforce includes veterans; project engineers and architects, site engineers, safety engineers, technicians, and labour.

Why Choose Us ?

Excellence in Every Brick

We don't just build structures—we craft legacies. With a team of highly skilled professionals and a relentless focus on quality, we ensure every project is a masterpiece.

Innovation Meets Expertise

From cutting-edge technology to creative design solutions, we bring innovation to the forefront. Our advanced methods and attention to detail set us apart in the industry.

Your Trust, Our Commitment

Integrity is the cornerstone of our business. We honor our promises, deliver on time, and maintain transparency at every step, ensuring your peace of mind.

One-Stop Construction Solutions

Why juggle multiple vendors when you can have it all under one roof? From concept to completion, we handle every aspect of your project with precision and care.

Building a Sustainable Future

We're not just building for today—we're designing for tomorrow. Our eco-friendly practices and forward-thinking approach ensure your project is both modern and sustainable.

Always Evolving, Always Improving

The construction industry never stands still, and neither do we. We continuously refine our processes, adopt the latest technologies, and train our team to stay ahead of the curve.

What Sets Us Apart ?

- **Tailored Solutions:** Every project is unique, and we customize our approach to meet your specific needs.
- **On-Time Delivery:** We respect your time and deliver projects on schedule, every time.
- **Client-Centric Approach:** Your vision is our mission. We listen, collaborate, and bring your ideas to life.

Scope of Services

At MecSolTec we offer a wide range of construction services to meet the diverse needs of our clients. From concept to completion, we handle every aspect of your project with precision, expertise, and innovation.

1. Pre-Construction Services

- **Feasibility Studies:** Assessing project viability and providing actionable insights.
- **Budgeting & Cost Estimation:** Transparent and accurate financial planning.
- **Design & Planning:** Collaborative design development with architects and engineers.
- **Permitting & Approvals:** Streamlining the process to secure necessary permits.

2. Construction Services

- **Residential Construction:** Building dream homes, apartments, and housing complexes.
- **Commercial Construction:** Delivering office spaces, retail outlets, and hospitality projects.
- **Industrial Construction:** Constructing factories, warehouses, and specialized facilities.
- **Infrastructure Development:** Roads, bridges, utilities, and public works.

3. Tender and Procurement Administration

- Assist in the decision the on right construction award methodology and tender packages
- Advise owners in pre-qualifying and short-listing prospective contractors for each package.
- Review the offers received and negotiate with the contractors in consultation with the client
- Recommend the most appropriate contractor for the particular tender package

4. Project Management

- **Scheduling & Coordination:** Ensuring timely delivery through efficient project planning.
- **Quality Control:** Rigorous inspections to maintain the highest standards.
- **Risk Management:** Proactively identifying and mitigating potential challenges.
- **Stakeholder Communication:** Keeping all parties informed and aligned.
- Prepare project execution plan.
- Administer and manage the work of the contractors and suppliers, by contract conditions.
- Organize weekly site meetings with all contractors for coordination and program review.
- Direct and supervise the contractor's work to achieve satisfactory performance.
- Recommend a course of action when the contractual requirements are not being met.
- Maintain periodic records for work performed and share weekly progress reports.
- Recommend necessary or desirable changes to the Owner.
- Review the contract documents of the vendors/contractors and advise the owner of necessary documents/inputs as required.
- Incorporate change management.
- Monitor and review the program submitted by the contractor.
- Establish, implement, and manage a quality management system in accordance with specifications and quality control procedures.
- Implement remedial action as defects are noted.

- Develop the master program matching the project construction schedule in consultation with consultants and contractors.
- Monthly review meeting with Client, Architect, Consultant, and other stakeholders.
- Update and reissue the project construction schedule as required to show current conditions.
- Assist clients in keeping track of updated schedules.
- Certify labor bills, RA bills of contractors, and works contract bills and recommend weekly, and monthly payments in discussion with the client.

4. Specialized Services

- Green Building Solutions: Sustainable construction practices for eco-friendly projects.
- Renovation & Remodeling: Transforming existing spaces to meet modern needs.
- Interior Fit-Outs: Customized interiors that reflect your vision and style.
- Structural Repairs & Maintenance: Ensuring the longevity and safety of your structures.

5. Post-Construction Services

- **Handover & Training:** Smooth transition with comprehensive documentation and training.
- Establish standards for final acceptance along with consultants.
- Coordinate the commissioning of services- like Plumbing, Firefighting, Electrical works, Audio Video, Fire Detection and Alarm system, public address system, Kitchen, HVAC, etc.
- Implement remedial action should a defect be noted.
- Advise the client on acceptance of particular completion; manage handover to the Operations and Maintenance staff of the hotel property.
- Assist client team in coordination for Operations and maintenance manual, collection of
- Guarantees, warranties, and closeout phase documentation such as-built drawings and operation/maintenance manuals.
- Coordinate with system integrators/ vendors to train operations team members.
- Documentation of vendor details
- Project closure report
- Warranty & Support: Ongoing maintenance and support to ensure client satisfaction.
- Facility Management: Long-term management of buildings and infrastructure.



MecSolTec

MEP



Looking For MEP & Fire Fighting Services in India

MecSolTec is one of the leading MEP (MECHANICAL ELECTRICAL PLUMBING) companies in India providing MEP or Mechanical, Electrical, and Plumbing services.

MecSolTec is renowned for its expertise in MEP services in India. Our team comprises of best interior designers, experienced MEP engineers, veteran project managers, and skilled laborers. This enables us to satisfy diverse requirements of residential, commercial, institutional, hospitality, industrial, and retail projects.



Since MEP plays an important role in building construction and is known as the lifeline of any building, therefore it is important they are developed with utmost accuracy and perfection, we ensure attention to detail and the best material and top brands to be used in your space so that you get lifelong satisfaction.



MecSolTec has gained popularity as the best MEP contractors in India within a very short period, our MEP services include a package of mechanical and electrical services for several facilities ranging from residential to commercial buildings, namely processing industries, shopping malls, and housing compounds, including towers. These engineering solutions consist of installing air-conditioning systems, setting up power and lighting systems, water supply and drainage, fire-fighting systems, Building Management Systems, telephone, and data systems.

Heating, Ventilation & Air Conditioning Services

Our company has experience working with large-scale and high-valued projects that involve sophisticated and complex installation. We also provide an end-to-end turnkey solution. The company also accepts projects at any stage of MEP, Firefighting, and MEP Services in India.

Sense Projects is a fast-growing HVAC contractor in India providing Heating, Ventilation & Air Conditioning Solutions to clients across pan India. We are a leading MEP Contractor in India, executing turnkey HVAC Projects all over India.

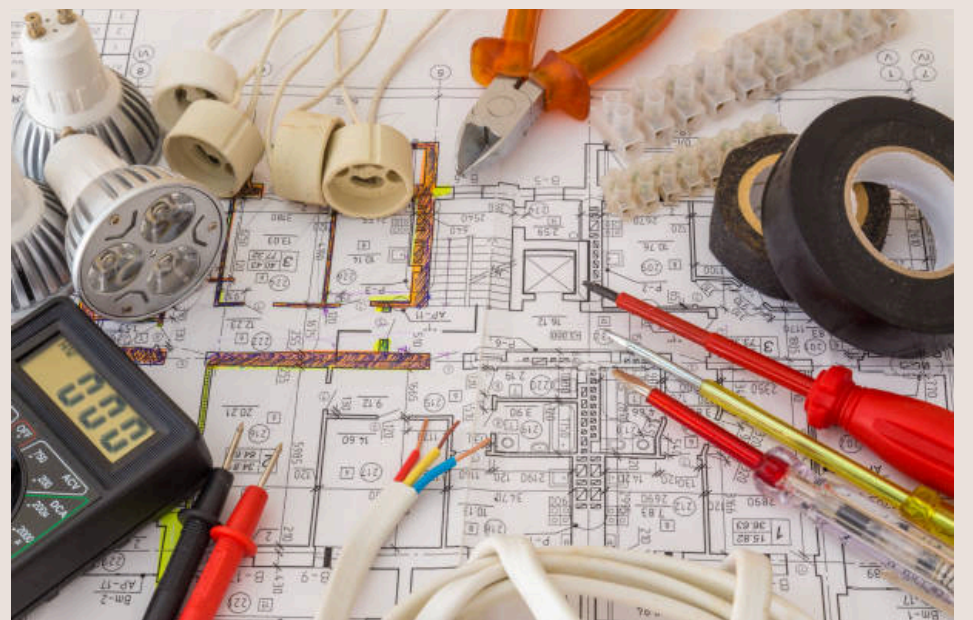
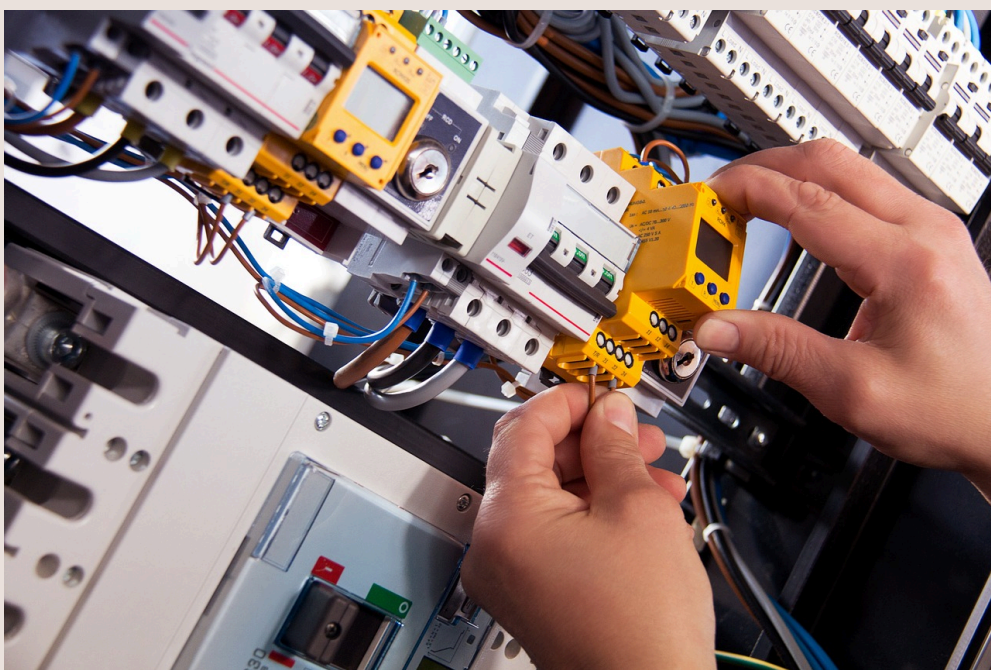
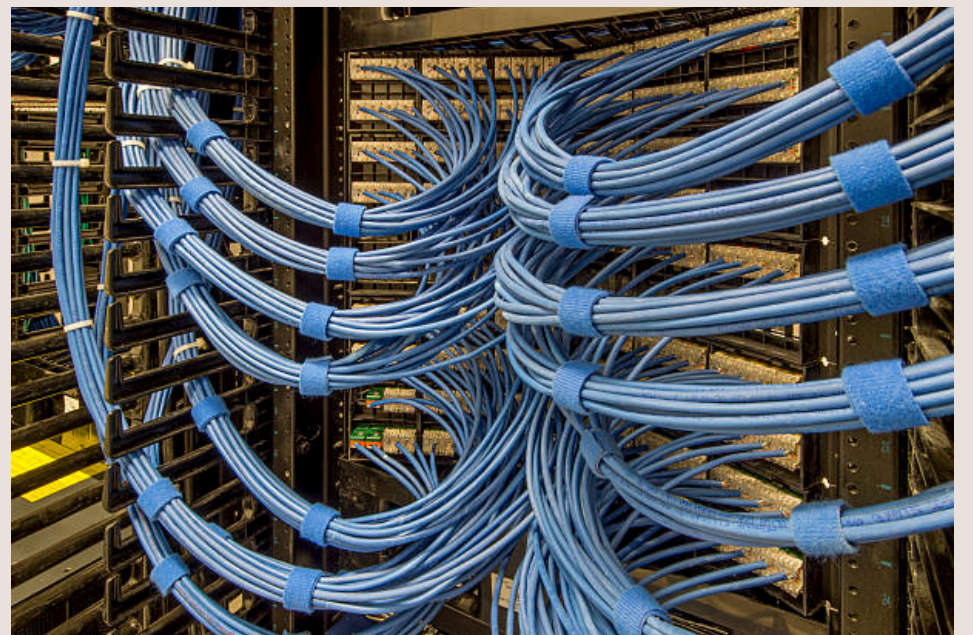
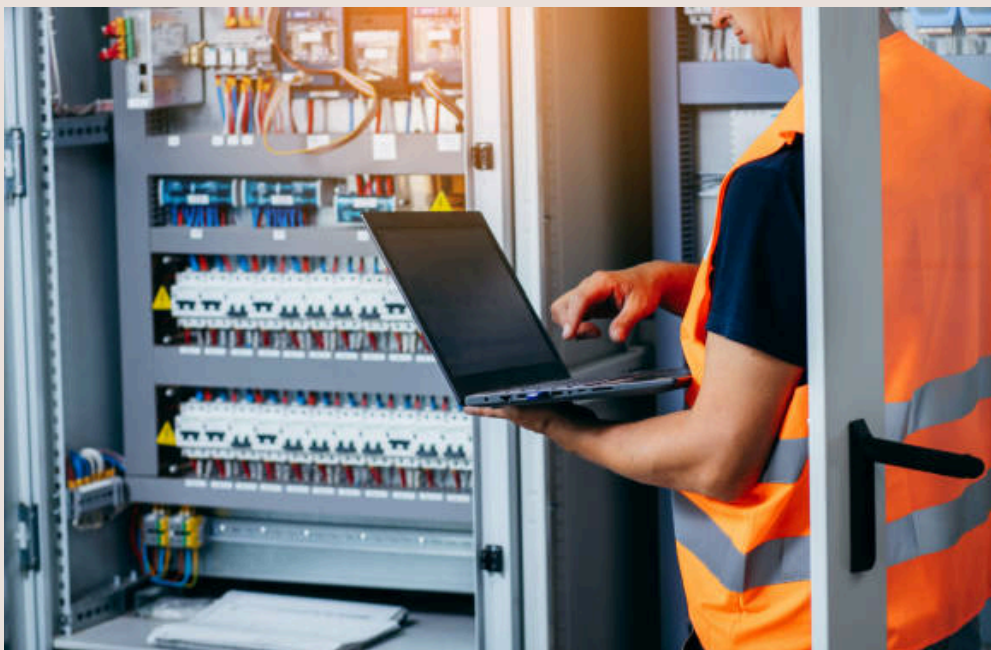
Our team has experience working with buildings in commercial, residential, and industrial marketplaces. We can install, inspect, and give servicing to fire protection systems.

We believe every project is unique with its respective demands and specification, here we are to with our team with extensive experience in providing the best MEP services in Faridabad. Electrical is one of the main components of MEP, therefore it is essential to have experts' guidance, our remarkable projects and client trust makes us the most reliable MEP contractors in Faridabad and nation-wide. We make use of wires and accessories that matches global standard and have the Bureau of Indian Standard mark (BIS).



Our Electrical Works for A Building Project

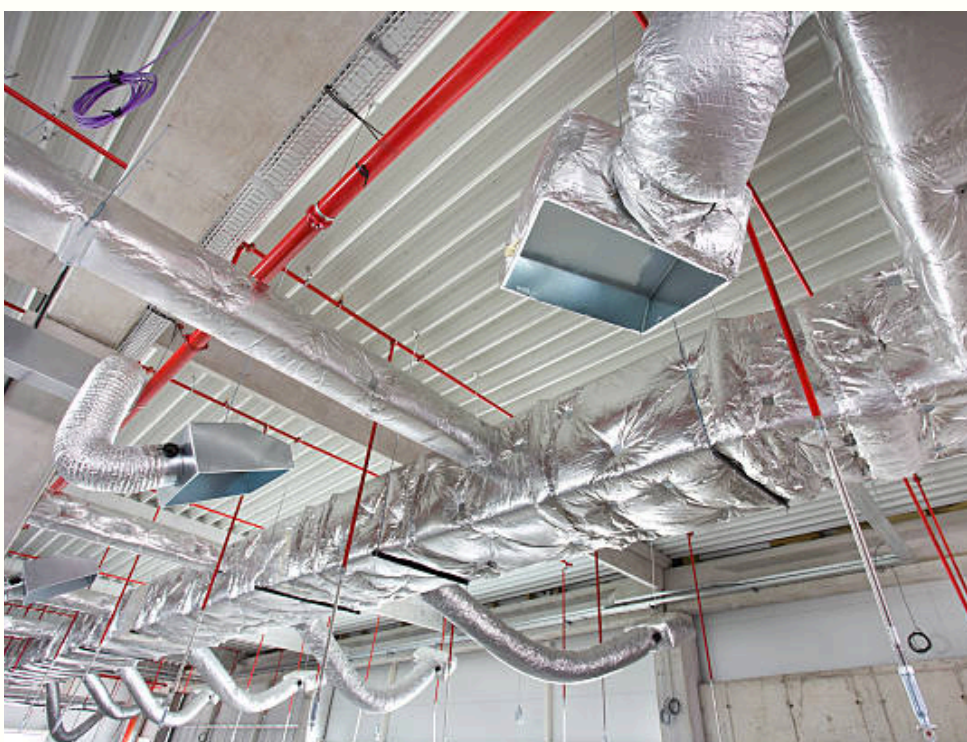
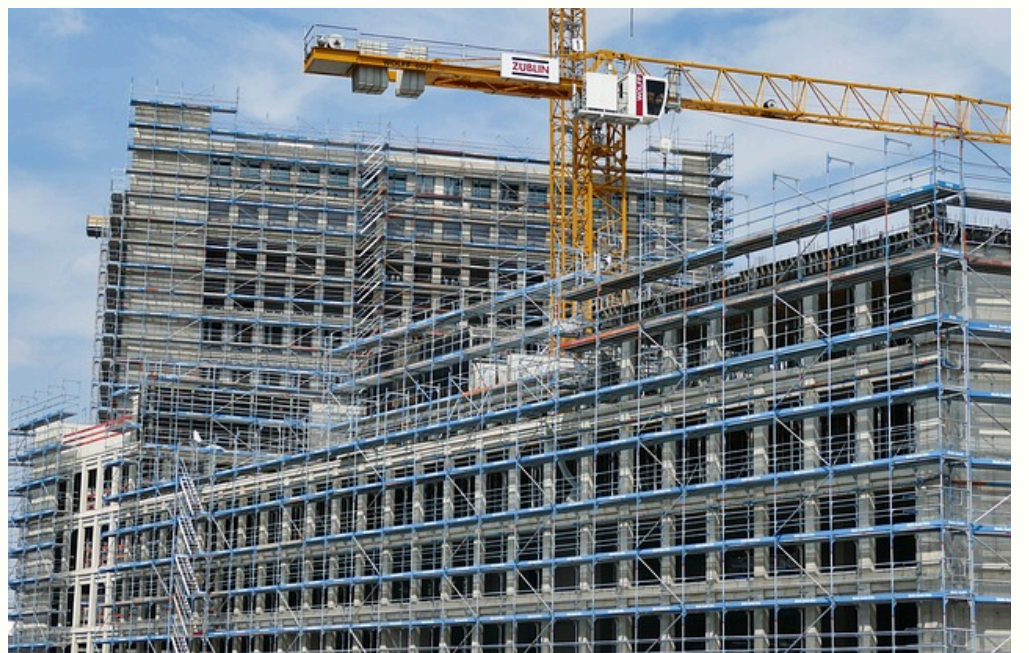
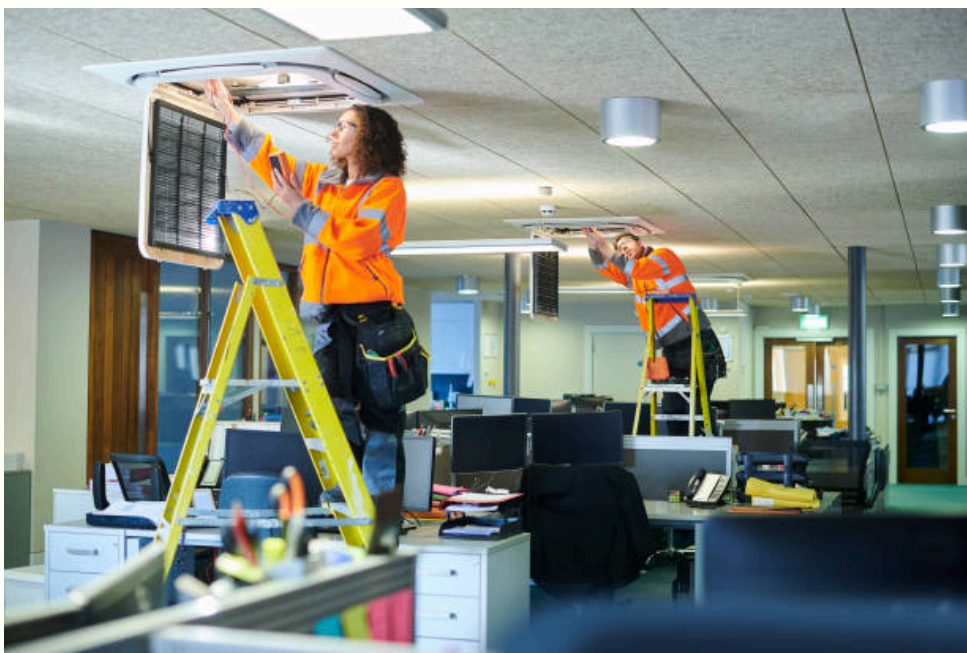
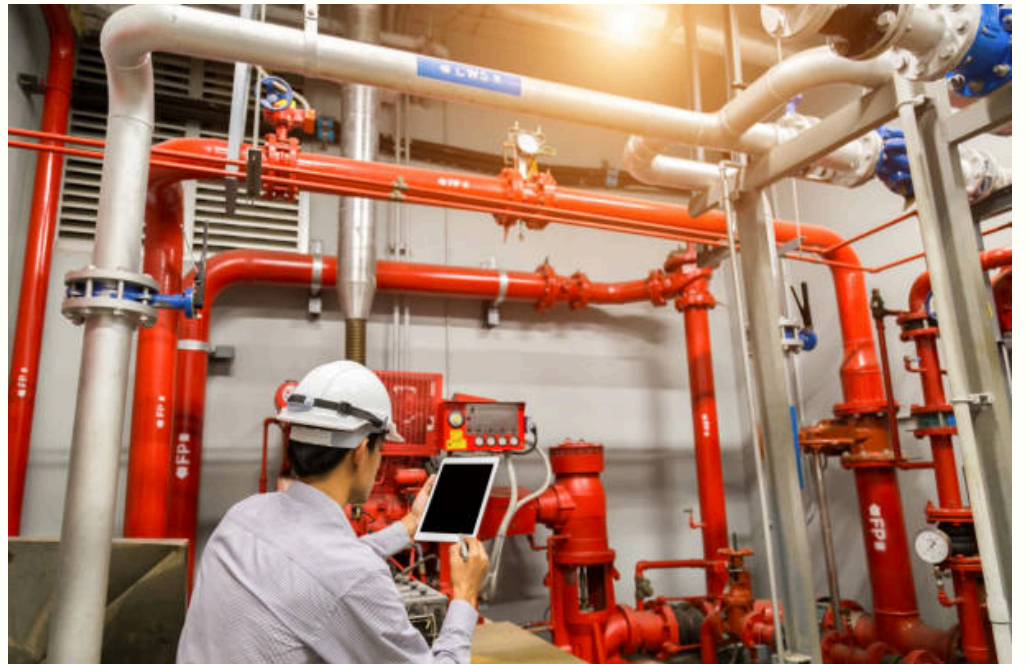
- **MV/LV Electric Distribution**
- **Electrical Power Design**
- **Lightning Protection System**
- **Voice / Data Communication**
- **CCTV Surveillance System and Access Control Design**
- **Calculation of Voltage Drop & Selection of Cable**
- **Aircraft Warning Lights**
- **Detail Load Calculation**
- **Emergency Lighting Design**
- **Fire Protection System**
- **BMS**
- **Lighting Design**
- **Earthing**
- **Transformer Substation**



HVAC AND FIRE-FIGHTING

HVAC and fire-fighting services are one of the main components of MEP; therefore, it is essential to have experts' guidance. Our remarkable projects and client trust make us the most reliable MEP contractors in Hyderabad and nationwide.

We are the leading service providers of Fire Fighting Contractor Services in Punjab, Noida, Delhi, and Bangalore. Our experts provide firefighting services using the best tools and techniques. Moreover, our services are appreciated widely in the industry and that is why they are high in demand. 3A provides services in almost all industries such as residential, commercial, industrial, hospitality, and so on and we are offering them at market-competitive prices.



FILE LIST MAINTAINED BY PMC

- BG Register
- Change order
- Confirmation of verbal instruction
- Document transmittal note
- DPR
- Drawing requirement schedule
- Imp rest bill
- Inspection request
- Material reconciliation
- MOM
- Non-compliance
- Procurement records
- Request for Information
- Site visitor
- Standard BOI tracker
- Statutory approvals
- WPR



PAPERWORK



Interior Design

Interiors with Luxurious Customized Designs created by India's top Interior Design Company

Interior design is all about using imagination, modernity, creativity, innovation, and luxurious materials to maximize the overall look and functionality of a given space. At Sense Projects, we are skilled and aware of all the challenges and pitfalls that come with providing our clients with an outstanding, specific interior. We know how difficult it may be to create the finest finished interior, therefore we strive to complete projects to everyone's satisfaction. Our goal is to offer products and services at competitive costs.

Ø Residential Interior

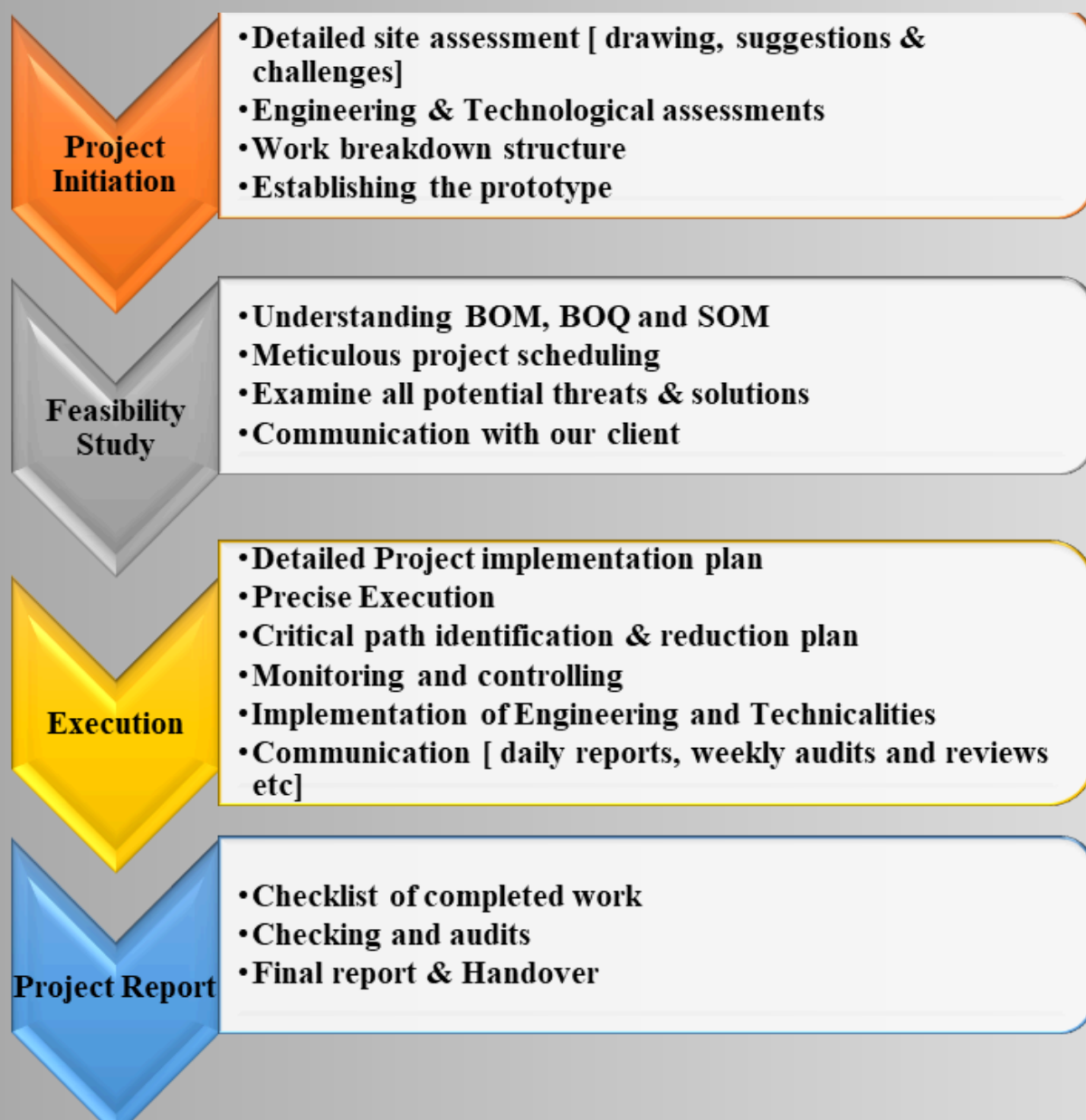
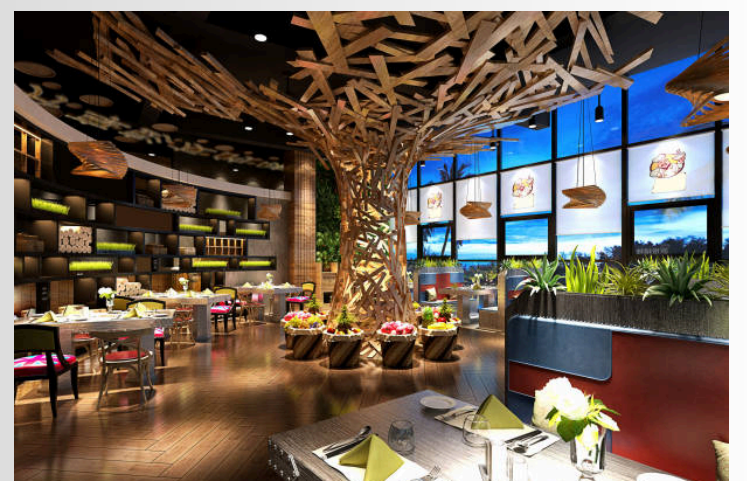
Ø Corporate Interior

Ø Retail Interior

Ø Hospitality Interior

Ø Industrial Interior

Ø Institutional Interior



Green Building

GREEN BUILDING DEVELOPMENT: A PATH TO SUSTAINABLE CONSTRUCTION

At MecSolTec we understand that construction is more than just building structures—it's about shaping a sustainable future. Green building construction stands at the intersection of innovation, environmental responsibility, and modern living. By creating eco-friendly spaces that prioritize energy efficiency, resource conservation, and occupant well-being, we are redefining how the world builds.



What is Green Building Construction?

Green building construction focuses on designing and building structures that minimize their environmental footprint while maximizing their efficiency and livability. It integrates sustainable materials, cutting-edge technologies, and eco-conscious practices to create structures that meet today's needs without compromising the ability of future generations to thrive.

Core Principles of Green Building Construction

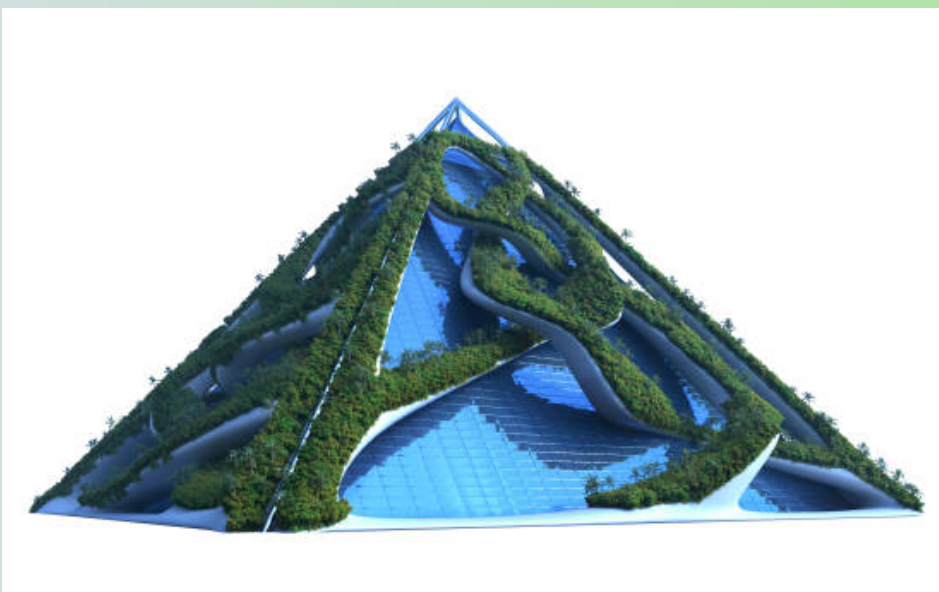
Sustainability: Using renewable and recyclable materials to reduce waste.

Energy Efficiency: Reducing energy consumption with renewable energy sources like solar and wind.

Water Management: Implementing rainwater harvesting, graywater recycling, and water-efficient systems.

Healthy Living: Ensuring better indoor air quality and using non-toxic materials.

Waste Reduction: Minimizing construction waste through modular building techniques and on-site recycling.



Why Green Building Construction Matters

1. Environmental Impact

Green buildings help combat climate change by reducing greenhouse gas emissions. They conserve natural resources like water and energy, creating a sustainable balance with nature. They prioritize biodiversity by integrating green spaces, reducing urban heat islands, and maintaining eco-sensitive areas.

2. Economic Advantages

Operational Savings: Energy-efficient systems reduce utility costs significantly over the building's lifespan. **High Return on Investment (ROI):** Sustainable buildings command higher property values and rental premiums. **Incentives:** Governments worldwide offer tax benefits, grants, and fast-tracking for certified green buildings.

3. Health and Well-Being

Green buildings create a healthier indoor environment with clean air, natural light, and thermal comfort. Improved workspaces and living areas lead to increased productivity, reduced absenteeism, and better quality of life.

4. Future Resilience

- Designed to adapt to changing environmental conditions, green buildings are climate-resilient.
- These buildings meet stringent environmental regulations and are future-proofed against evolving legal frameworks.

Key Features of Green Buildings

• Net-Zero Energy Design

Green buildings aim to achieve net-zero energy consumption by producing as much energy as they consume, often through solar panels, wind turbines, or geothermal systems.

• Smart Building Technology

Integration of IoT (Internet of Things) and AI for energy optimization, temperature control, and real-time monitoring of building performance.

• Sustainable Materials

Eco-friendly materials like bamboo, recycled steel, fly ash concrete, and locally-sourced timber reduce the carbon footprint.

• Green Roofs and Walls

Vegetative roofs and walls improve insulation, reduce cooling loads, and enhance air quality.

• Water Conservation System

Rainwater harvesting, water-efficient plumbing, and wastewater treatment systems ensure sustainable water use.

Our Green Building Consultancy Services

At MecSolTec we provide a comprehensive range of green building consultancy services to guide you through every phase of sustainable construction.

1. Project Planning and Design

Our experts collaborate with architects and engineers to integrate sustainability into the design process. From energy modeling to daylight optimization, we ensure every detail aligns with green building principles.

2. Certification Assistance

We guide you in obtaining globally recognized green building certifications such as:

- LEED (Leadership in Energy and Environmental Design)
- BREEAM (Building Research Establishment Environmental Assessment Method)
- WELL Building Standard
- EDGE (Excellence in Design for Greater Efficiencies)

3. Energy and Water Audits

Our team conducts detailed assessments to identify areas of improvement, helping you optimize energy and water usage for long-term savings.

4. Sustainable Material Selection

We assist in sourcing eco-friendly, durable, and cost-effective materials to ensure minimal environmental impact without compromising quality.

5. Construction Waste Management

By implementing innovative recycling and reuse strategies, we reduce construction waste and contribute to a circular economy.

6. Lifecycle Cost Analysis

We provide in-depth financial insights into the long-term benefits of sustainable construction, ensuring your investment delivers maximum returns.



The Future of Green Building

Green building construction is not just a trend; it's a movement that is reshaping the construction industry. As global urbanization accelerates, the need for sustainable, efficient, and resilient buildings has never been more critical.

Emerging Trends:

- **Carbon-Neutral Buildings:** Structures that offset their carbon emissions entirely.
- **Circular Construction:** Emphasis on reusing materials to create a closed-loop system.
- **Resilient Cities:** Developing urban environments that withstand natural disasters and climate change impacts.
- **Smart Sustainable Buildings:** Leveraging technology for energy optimization and seamless building management.

Why Partner with Us?

At MecSolTec we bring unmatched expertise, innovative solutions, and a passion for sustainability to every project. We are committed to delivering green buildings that:

- Enhance occupant well-being.
- Save resources and reduce operational costs.
- Set a benchmark for sustainable living and working spaces.

Your vision is our mission. Together, we can build a future that inspires generations to come.



Our Collaboration Processes

Evaluation of property & Legal documentation

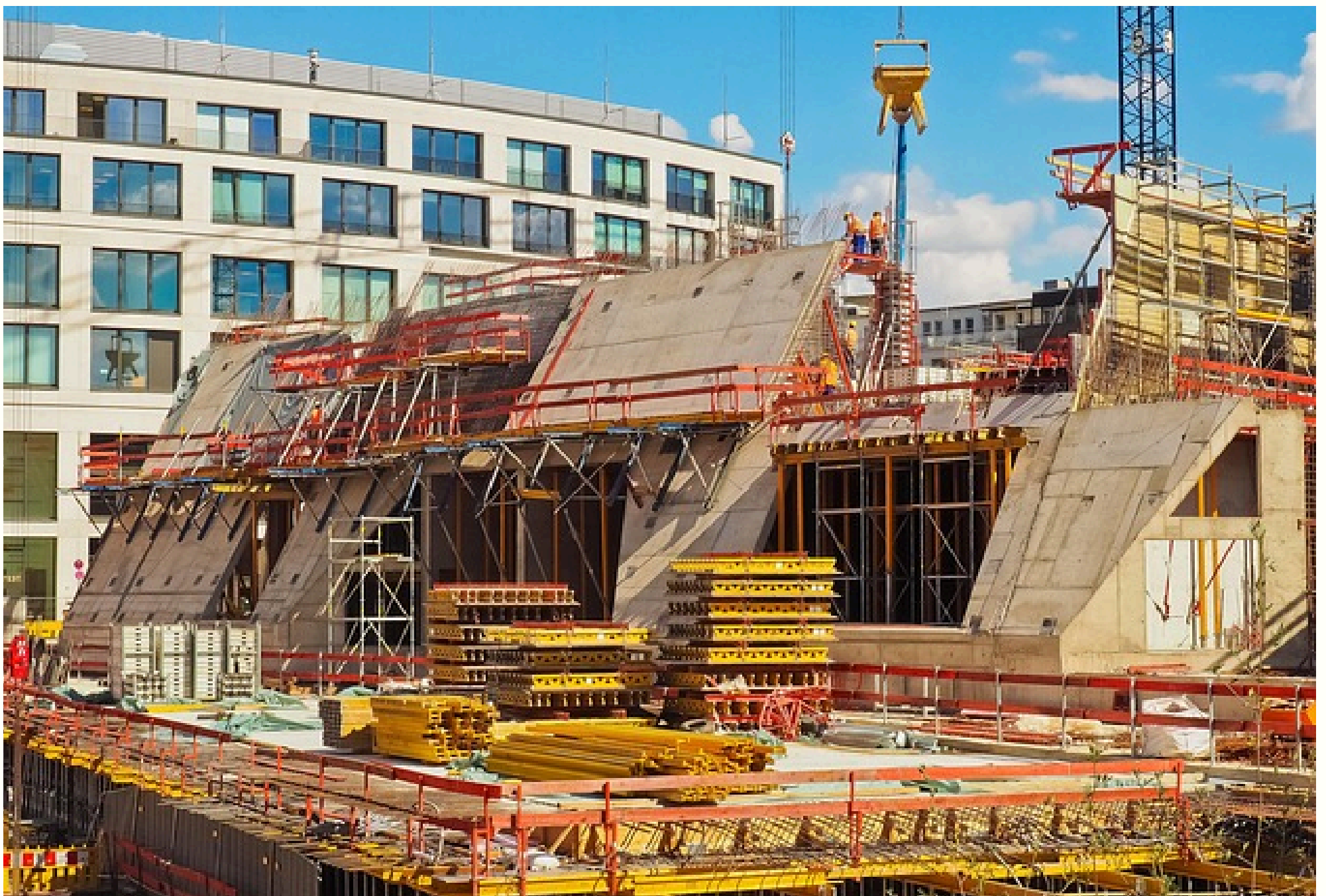
- First of all, our technical team evaluate your property value then we will offer you best deal possible and to maintain transparency we will go with everything legally documented.

Execution

- This phase will be an interesting part since we will take all the stress and let you choose design for your property, raw material selection, furnishing, colours, ceiling design, and many more.

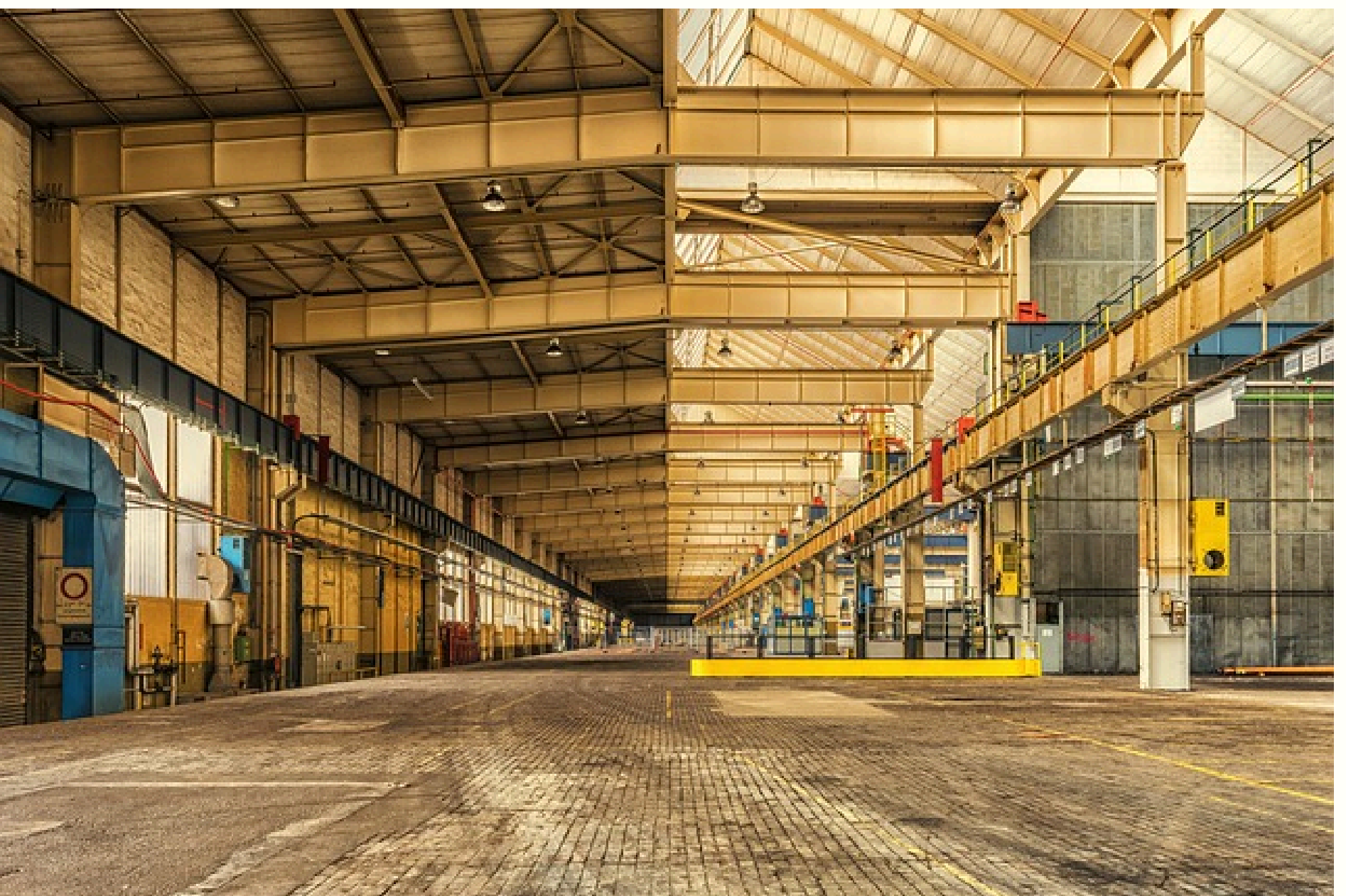
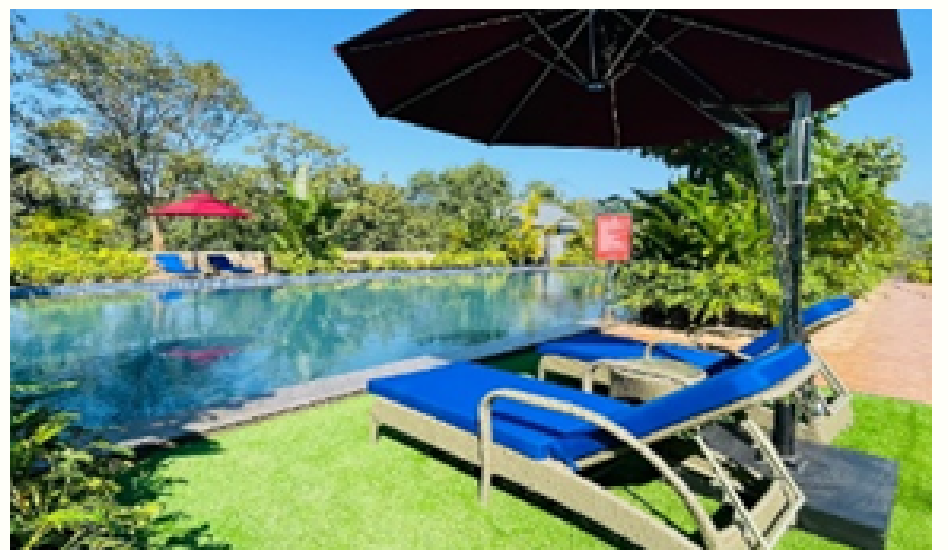
Handover

- Handover The Final Project



Our Project Achievements

- Mayfair, Guwahati. This is a premium resort located in the Sonapur Forest area. The resort has 230 keys and is located over an area of about 40 acres on a 3 km-long mountain ridge overlooking the mountains. The location and weather which are the USPs of the site, have however posed a major challenge in its construction. The Hotel is expected to start operations in the middle of this year.
- Shri Gurudev Kutir Villa Rajnagar Ghaziabad



Well Experienced and Qualified Team

Sr. No.	NAME	QUALIFICATIONS & EXPERIENCES
1.	Mr. Pawan Sharma (MD SIR)	Experience of 20 Years in Green Field & Brown Field Projects. Started this company in 2017 and running successfully.
2.	Dr. Shyam Verma	Material Expert
3.	Dr. Ashok Kumar Yadav	Testing and Analysis Head
4.	Mr. Ankit Sharma	Mechanical Engineer. with over 6 years Experience as MEP Project Head
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We are Global in India

We understand your time is valuable, so we are very straightforward with our pricing.

Knowing your situation will help us give you the information you need to start developing a trusting relationship from day one.



Office Visit / Contact Us: -

Ankit Sharma

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