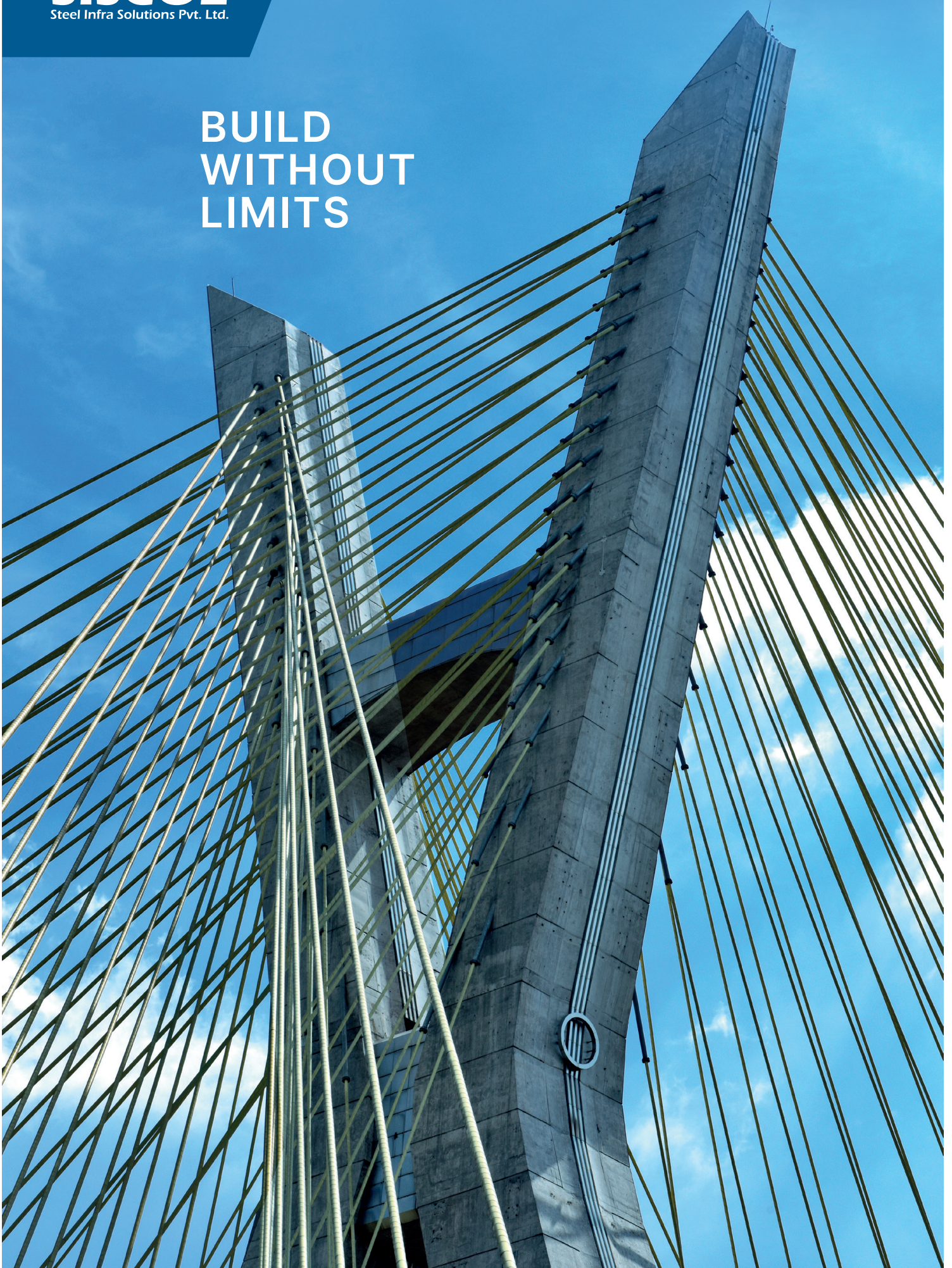


**BUILD  
WITHOUT  
LIMITS**







## GROWTH STORY

### An Exceptional Track Record

#### VOLUME in Metric Tons

12,400	44,500
2018	2022-23

#### SALES TURNOVER

Cr 95	Cr 510
2018	2022-23

#### NUMBER OF UNITS

One	Six
2018	2022-23

#### NUMBER OF CUSTOMERS

12	75
2018	2022-23

#### PEOPLE

573	1,876
2018	2022-23



The construction sector in India is witnessing a significant shift to steel-based solutions from traditional RCC systems, following the lead of countries like the US, Japan, Korea, and China during their periods of infrastructural expansion. The move towards steel is transforming the construction game across the country and SISCOL is among the frontrunners leading this change.

SISCOL offers excellent infrastructure construction solutions that make it possible to build without limits and achieve superior ROIs. This is because steel construction accelerates project completion, resulting in faster returns on investment. Also, it provides unparalleled strength and technical flexibility enabling the construction of complex structures. Furthermore, it is environmentally friendly, and depreciation proofed.

At the heart of this transformation lies the factory-manufactured and pre-assembled nature of steel structures, which enables rapid on-site installation while minimizing space and manpower requirements. This innovative approach not only streamlines the construction process but also ensures greater precision, quality, and safety. In short, it's a game-changer for the industry,

Aligned to its centres of engineering design excellence in Bengaluru, Chennai and Delhi, the state-of-the-art manufacturing plants of SISCOL in Bhilai are geared to produce top-notch structural steel systems, fulfilling the demands of modern Indian infrastructure projects. SISCOL's top three priorities are: quality, speed, and cost-effectiveness.





## TOTAL SOLUTIONS

Conceptual & Architectural Drawings

Basic & Detail Designing

Fabrication Drawings

Structure Fabrication & Final Finishing

Logistics/ Delivery to Door-step

Installation & Project Management

## SISCOL QUALITI-PLUS DELIVERY MODEL

	WHAT YOU GET	HOW WE DO IT	WHAT YOU GAIN
Q	<b>QUALITY</b> that is consistent and gold standard every time	Oversight of dedicated quality assurance teams across verticals: design engineering, fabrication, erection...	Zero delays in execution Zero deviation from plans Zero cost overruns
U	<b>UNINTERRUPTED</b> power to keep track of your projects in real time from anywhere	Remote shopfloor visibility enabled by Google Glass-assisted technology	Comfort of tracking work progress in real time Fast real-time detection of any slippage transparency
A	<b>AUTOMATED SYSTEMS</b> that ensure high precision fabrication and top-class finishing	State-of-the-art machines and robust processes, coupled with a well-trained highly skilled workforce	Assurance of excellent quality perfectly matching specifications every time
L	<b>LIVE ACCESS</b> totally secure and privileged access of project/customer data	Storage of data in secure Cloud	Total security and power of data access
I	<b>INTELLIGENT TRACKING</b> remotely follow consignments as they move	Implementation of GPS-enabled logistic tracking solution	Stay updated on date and time of arrival Get alerted to any unusual movement or deviation
T	<b>TRUSTED</b> shopfloor to onsite management of projects by experts	Dedicated project management group	No execution related anxiety Save time & effort of micro-managing your projects
I	<b>INSPECTED DELIVERY</b> Our specialist inspectors check items at delivery point	Team of specialist quality inspectors	No risk of incomplete or wrong receipts against orders meaning no execution headaches
P	<b>PERFORMANCE</b> Steel solutions reduce construction time by half	CNC cutting, automation of shot blasting and H-Beam welding plus rapid onsite execution	Faster execution. Faster revenue flows. Higher ROI
L	<b>LOT-WISE</b> delivery sequenced to match construction schedules	Delivery items barcoded; flexible scheduling and planning	Get items matching your construction schedules in complete lots
U	<b>UNDERWRITTEN</b> by assurance of total quickly verifiable order fulfilment	All items are barcoded before despatch	No missing items. Barcodes enable fast delivery check
S	<b>SUPERIOR</b> industry leading finishing standards	Using standardised as well as automated methods in execution for meeting homogeneous finishing standards	Accuracy as well as accepted aesthetic touch

# ENGINEERING

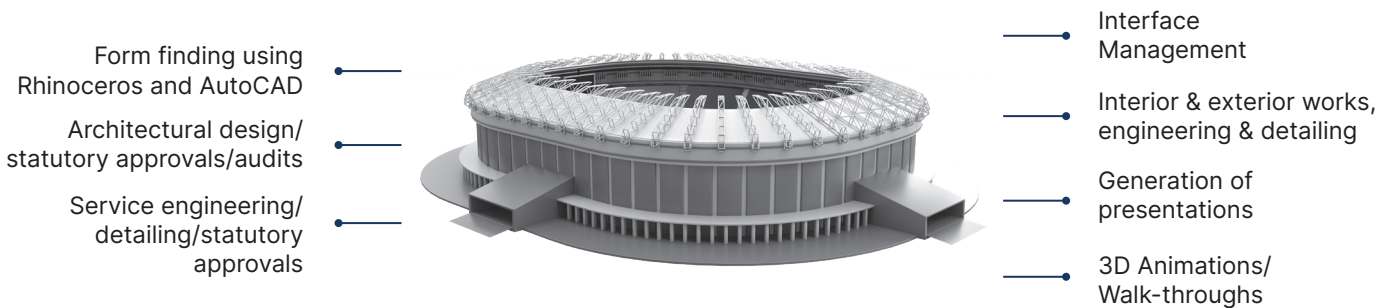
With real-time construction and advanced software technologies, SISCOL guarantees solutions customized for unique needs. It implements design optimization, industrial engineering, process planning, and resource management techniques, utilizing advanced information systems to offer innovative and effective architectural design solutions tailored to specific requirements. It is dedicated to staying current with modern architectural design processes, including advanced real-time construction software technologies.

It upholds the principles of value engineering, which include:

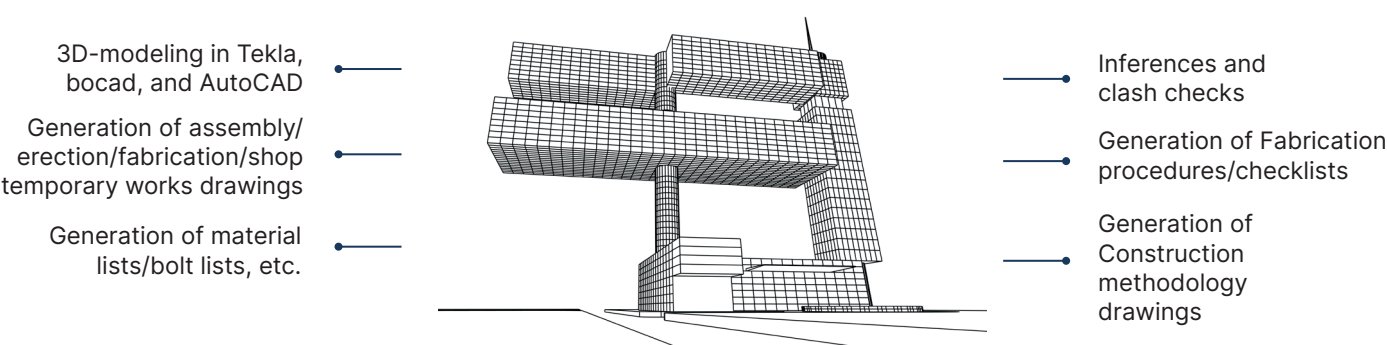
## STRUCTURAL ENGINEERING

Erection analysis/ inspection hold points/checklists	Temporary work analysis and design	Generation of design intent drawings	Connection design	Generation of tender specifications/BoQ/ quantity statements	Product/process standardization
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## ARCHITECTURAL ENGINEERING



## CONSTRUCTION ENGINEERING



## VALUE ENGINEERING & DESIGN OPTIMIZATION





## FABRICATION & FINISHING

SISCOL offers a wide range of steel solutions designed to meet the needs of various industries. Its products are manufactured in line with industry standards and are crafted to deliver exceptional quality, durability, and strength in line with the following standards:

- High strength steel with yield strength (YS) ranging from 345 MPa to 550 MPa
- Hot rolled steel sections with YS ranging from 245 MPa to 550 MPa in various shapes such as H, I, C, L, and U, achieving maximum steel optimization
- Cold-formed steel for light framing
- Advanced decking systems that ensure concrete-steel bonding with the help of sheer studs or a composite deck system
- Shot blasted steel framing offering the best surface cleaning of steel
- Corrosion-resistant priming on steel frames/members
- Standard painting with low VOC using synthetic or epoxy-based paints
- Fire resistance paint coating to meet all Indian and international building code fire safety requirements
- High-strength hardware for primary and secondary members
- Green materials to achieve high LEED ratings
- Complete interface solutions with external glazing, ACP clad support, brick and internal MEP, interiors, and finishes
- Cutting up to 100mm plate
- Fabrication up to 100mm plate
- Drilling up to 65mm plate
- Can fabricate built-up, box beam, and pipe trusses



I Girder



Box Section



Open Web Girder



Composite Web Girder



H - Beam



Trusses

Six production units  
with a total area of

**90,000 sqm**

and a covered area of

**55,000 sqm**

Total monthly  
production capacity of

**5,000 MT**

All critical processes are  
automated in the plant

Certified ISO 9001, 14001,  
45001, 50001, 27001





Pull Through H-Beam Welding Line



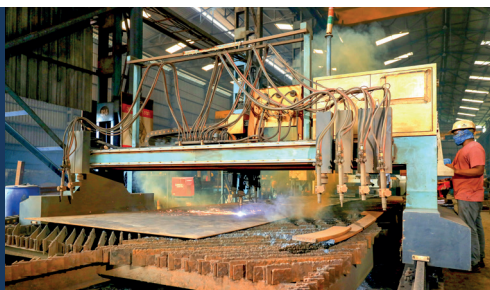
CNC Drilling Machine



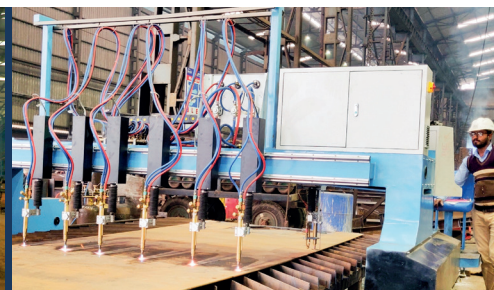
Bandsaw Cutting Machine



Shot Blasting Machine



CNC Plasma Machine



CNC Oxy Cutting Machine

## STATE-OF-THE-ART PRODUCTION FACILITIES

The SISCOL shop floor packs quite a technology punch. From a pull-through H-beam welding line which seamlessly joins H-shaped beams, ensuring precision, quality, and versatility to band saw units that guarantee powerful and precise performance, with adjustable angles and speeds it is truly geared for excellence. Its CNC drilling machine ensures flawless drilling, high-speed production, and cost efficiency while meeting design specifications. Similarly, its CNC plasma and oxy cutting machines combine efficiency and precision with advanced technology for exceptional accuracy, speed, and consistent flawless results. Its shot blasting solution revolutionizes surface preparation with superb efficiency, precision, and enhanced finishing processes, saving time and costs.

## LOGISTICS & DELIVERY

SISCOL employs a skilled logistics team, carefully selected for their capabilities, fleet, and support network. Vehicles undergo thorough inspections to guarantee on-time delivery with minimal transit time. Customer satisfaction is a priority, so SISCOL provides daily email updates, mobile phone tracking, GPS-based vehicle tracking, and regular MIS reports to keep clients informed at all stages.

- **Quality Assurance:** Monitoring the quality of work throughout the erection process, conducting inspections, and upholding project standards.
- **Resource Management:** Coordinating with the project team to secure necessary materials, equipment, and resources.
- **Assembly Supervision:** Overseeing correct positioning, assembly, and installation of components, coordinating with crane operators and riggers.

## ERECTION

Erection is the transformative moment when diverse elements unite to create stunning structures as designed. At SISCOL, our dedicated on-site specialists are trained to ensure this process thrives by:

- **Troubleshooting:** Identifying and resolving technical challenges during erection by collaborating with engineers and architects.
- **Communication:** Continuous collaboration and updates with stakeholders, facilitating effective communication among different teams.
- **Safety Compliance:** Ensuring strict adherence to safety regulations through inspections and implementing safety measures.





## CROSS SEGMENT PROWESS

SISCOL straddles the entire construction space with extraordinarily flexible and efficient solutions. It has proven capabilities across the following construction domains:

### High-rise buildings

SISCOL has formidable expertise in crafting high-rise steel structures using multi-storey steel framing systems that symbolise excellence. These bolted structures, composed of beams, joists, cold form deck slabs, and steel columns, are meticulously constructed off-site to meet project requirements and comply with governing laws. SISCOL's commitment to precision and adherence to standards is widely recognised across the industry and beyond.

### Airport terminals

Structural steel construction revolutionizes the landscape of airport terminals. Its inherent strength and versatility allow for vast open spaces and soaring ceilings, accommodating the hustle and bustle of travellers. With rapid construction timelines, steel structures ensure timely completion of new and existing airport projects, minimizing disruption to airport operations. SISCOL methodology of execution ensures minimum disruption to the operations of existing airports for brown field operations. The material's durability and resistance to fire and seismic forces provide enhanced safety and long-term cost efficiency.

### Bridges & ROBs

Steel structures offer a flexible and efficient solution for building large bridges, flyovers and FOBs in a

short period of time. These durable structures are sleek, strong, and have a lighter foundation, longer life, improved life cycle and seismic performance. Also, they are eco-friendly.

### Hotels & hospitals

SISCOL's steel structures can be built to optimize energy requirements and easily interface with high-level building services such as air conditioning systems, flooring, electric power plants, fire protection systems, and more. This makes them ideal for hotels and hospitals.

### Industrials

Structural steel solutions from SISCOL are ideal for industrial construction ranging from power, metallurgical, petrochemical and cement plants to refineries. SISCOL offers highly optimised designs, enabling production of structural steel at high volume rate and in the shortest possible time. It enables completion of projects with minimum environmental impact. SISCOL's sequential delivery system and efficient site management minimises storage area requirements and ensures traceability of all parts during installation. SISCOL uses barcoding/ RFID systems in all deliveries to project sites.

### Sports stadia

SISCOL offers various steel structures for stadiums, grandstands, ramp buildings, and roof covers. The designs include open-air with roof systems, integrated elevators for easy spectator movement, concourse surrounding the stadium for easy access, and secure structures for signs and advertising.



HIGH-RISE BUILDINGS



AIRPORT TERMINALS



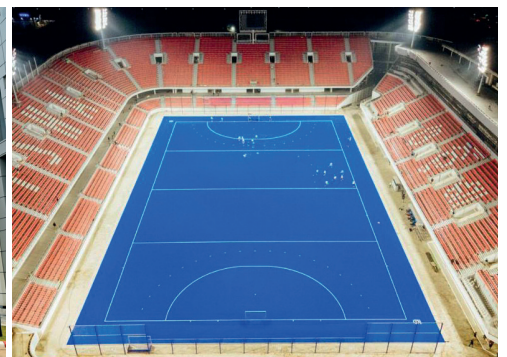
BRIDGES & ROBs



WAREHOUSES



HOSPITALS



SPORTS STADIA



## PROJECT MANAGEMENT

SISCOL's projects are managed end-to-end by a nation-wide team of passionate professionals who work with a one-stop-shop approach. This ensures every project is delivered on time, within budget, and with the highest international quality and safety standards. They excel in providing a Stable Design & Installation Methodology and cost-effective Structure Erection Techniques. By executing turnkey projects, SISCOL ensures excellent coordination between clients and contractors, making it the preferred bidder for large-scale projects. With a focus on exceptional project delivery, SISCOL is transforming the steel fabrication industry. Its turnkey project management offering includes:

- Single-point contract responsibility
- Centralized logistics control
- Safe working environment with the use of all Safety Tools and Methodology
- Zero-accident policy. SISCOL's stringent HSE regulations eliminate chances for accidents at its project sites. Trained safety teams operate pan India at all SISCOL project sites, ensuring on ground safety as well as safety in execution

## SISCOL IN INDIA

Total solutions, across categories, throughout the country.



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[www.siscoll.co.in](http://www.siscoll.co.in)

