



EXCELLENCE THROUGH INTEGRITY

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WhatsApp

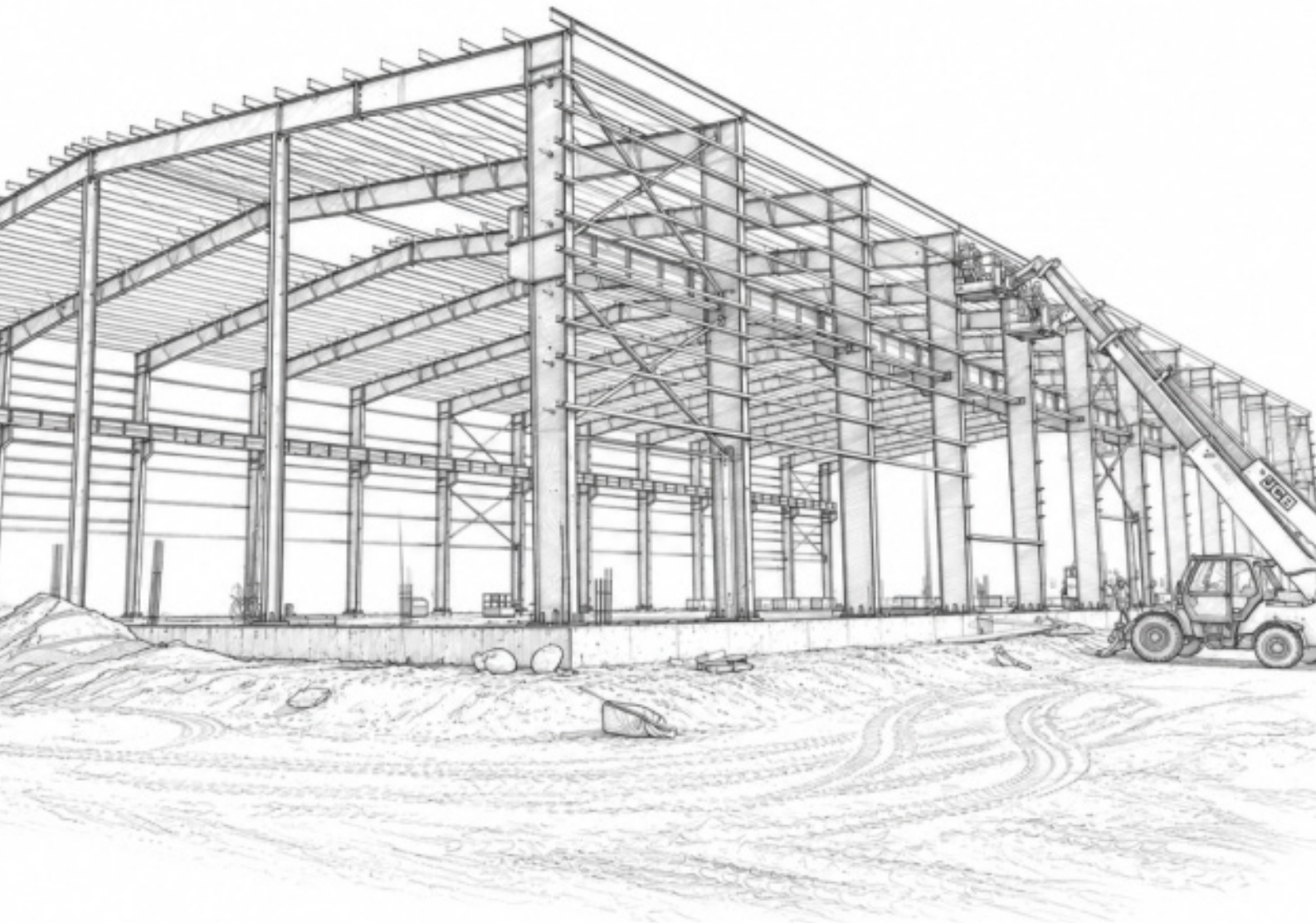


Comprehensive Steel Structure Solutions



Design · Fabrication · Delivery · Installation

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INTRODUCTION

From Single-Space Solutions to Multi-Dimensional Support

From Local Trade to Global Steel Structure Project Delivery: Embracing the Model of an Outstanding Enterprise

We Make Breakthroughs the Norm, Broadening Our Horizons Chengdong People Fear No Hardships and Press Forward with Courage

28+ Years
of industry
experience

100+
Countries and
Regions

5,000+
Projects

300,000 metric
tons/year
Steel Structure
Production Capacity

Company Profile

Beijing Chengdong International Modular Housing Corporation.(hereinafter referred to as “Chengdong Camp”) specializes in the steel structure engineering sector and is headquartered in Tongzhou District, the Beijing Sub-center. The company was listed on the National Equities Exchange and Quotations (NEEQ) in 2015 and is certified as a “High-Tech” and “Specialized, Refined, Unique, and Innovative” enterprise by the Beijing Municipal Government. It holds Grade II General Contracting qualifications for construction and Grade II Specialized Contracting qualifications for steel structures. With nearly 30 years of industry experience, Chengdong Camp has consistently focused on providing one-stop, comprehensive engineering camp solutions to global clients. Through high-quality products and professional services, the company continues to provide steel structure services to ENR 250 companies, Fortune 500 enterprises, and major energy and mining companies. Its business spans more than 100 countries worldwide, and it has successfully delivered over 5,000 engineering projects.

Core Values

Excellence Through Integrity

Business Philosophy

Customer-centric, creating value for clients; building on a foundation of integrity; people-oriented; pursuing high-quality development, Excellence through integrity.

ESG

Chengdong Camp focuses on green production of steel structures and the use of environmentally friendly supporting materials to reduce the environmental impact throughout the entire camp construction lifecycle; ensuring employee health and safety, and improving governance and supply chain ecosystem management; supporting emergency infrastructure with innovative products and fulfilling social responsibilities; Striving to achieve sustainable development in the global market.

Environmental



Carbon Footprint Certification



Green Energy Production Plant



Recyclable Products

Social



Chengdong Public Welfare Foundation



Donation to Earthquake-Resilient Hope Primary School



Aid to Tunisia

Governance



ISO Management System



Emergency Management System

Global Business Presence

Driven by a dual-track approach of global vision and deep regional engagement, Chengdong has built an extensive, deeply integrated global business network. Our goal is to seamlessly integrate comprehensive steel structure solutions into every regional market, ensuring that regardless of a project’ s location, clients receive efficient, reliable, and prompt service support.



Milestones

1998 Chengdong was founded	2008 Participated in earthquake relief efforts following the Wenchuan Earthquake and donated the first earthquake-resistant Hope Primary School Undertook affordable housing projects for the Beijing Olympics and Paralympics	2017 Established Chengdong's Hebei subsidiary and invested 35 Million USD to build a 70,000-square-meter production base, creating a standardized 'smart' manufacturing facility	2023 Entered a stage of strategic-led development, establishing a dual-engine approach driven by both international and domestic business expansion, and building a global market strategy	2025 Successively establish overseas subsidiaries to take root in local markets and build proprietary factories domestically to ensure production capacity and product quality. 10th Anniversary of the Chengdong Public Welfare Foundation
1999 50th Anniversary National Day Military Parade Village Project 9910 Product Successfully Launched	2015 Listed on the NEEQ (New Third Board), entering the capital market; Stock Code: 832789; Established the Beijing Chengdong Public Welfare Foundation	2020-2022 Frontline Workers During the Pandemic Constructed multiple domestic epidemic prevention hospitals	2024 The Lutai Factory has successfully obtained CWBI certification as a Canadian Light Manufacturing Enterprise. The company's modular container housing products were the first in the industry to achieve carbon footprint	

Production Capacity Layout Capacity Assurance

诚 栋

保障能力



Over **300,000** metric tons
Annual Steel Structure Production
Capacity



42 lines
contributing



4,500 metric tons
Light-gauge steel component
processing capacity



35,000+ square meters
Warehouse Area



100 truck trips/day
Plant throughput



Production Capacity Assurance

Based in China, serving the world. Chengdong has established a manufacturing base in Hebei, leveraging localized production capacity to enable efficient steel structure construction.

Centered on an end-to-end integrated service model encompassing “Design & R&D – Manufacturing – Warehousing & Logistics – On-site Delivery,” we ensure rapid, localized responses to demands across all regions of China. Through our global service network, we support the efficient, direct delivery of products and services to construction sites for international projects. We provide robust support for our clients’ diverse project site requirements, comprehensively enhancing steel structure construction efficiency and project assurance capabilities.



Full Lifecycle Delivery Capabilities for Steel Structure Projects



Engineering Consulting and Design Capabilities

Familiar with international steel structure project management processes, enabling rapid completion of technical clarifications, commercial coordination, cost control, and project advancement.

Steel Structure Detailed Design Capabilities

A team of over 60 professional designers capable of performing steel structure optimization, detailed joint design, BIM modeling, and construction drawing design.

Smart Manufacturing Capabilities

Three smart manufacturing bases equipped with CNC cutting, H-beam production lines, automated welding, and spray coating equipment, with a monthly production capacity of 25,000 metric tons

Packaging and Protection Capabilities

Customized packaging solutions tailored to the requirements of maritime, land, and oversized transport to ensure the safe delivery of components.

Global Logistics and Delivery Capabilities

Extensive experience in international transportation, supporting sea freight, rail, multimodal transport, and the shipment of oversized and overweight components.

Installation and Technical Support Capabilities

With over 100 overseas engineers, we provide on-site guidance, installation training, technical support, and project management services.

Project Management Capabilities

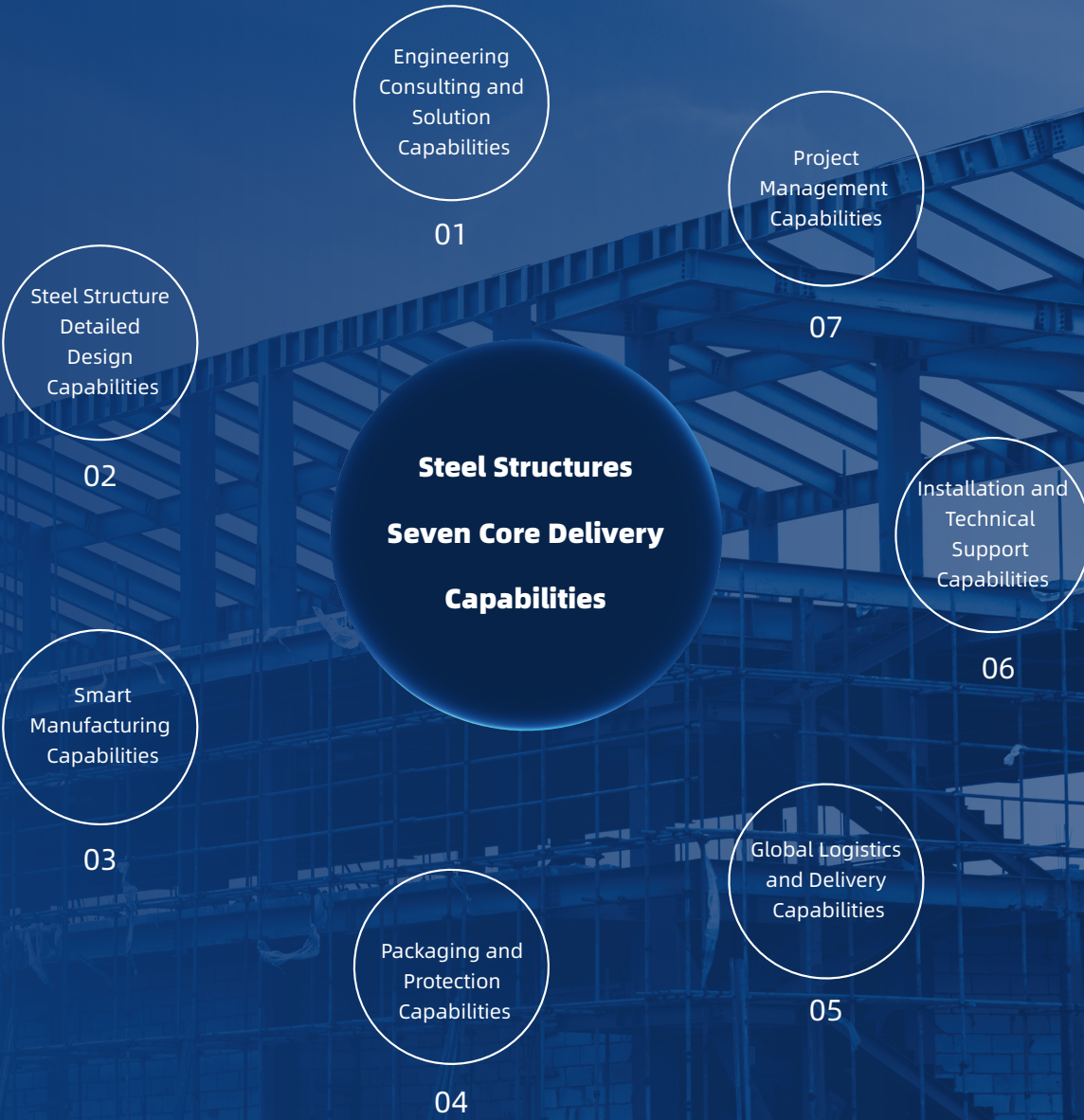
Covering the entire process from design, procurement, and manufacturing to transportation and installation, ensuring on-time, high-quality project delivery.

30 years of experience in large-scale steel structure projects

60+ Professional Steel Structure Design Engineers

300,000 metric tons of annual steel structure production capacity

100+ overseas installation and technical support engineers



Engineering Design Capabilities

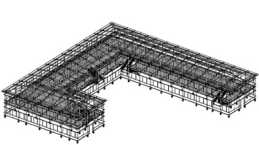
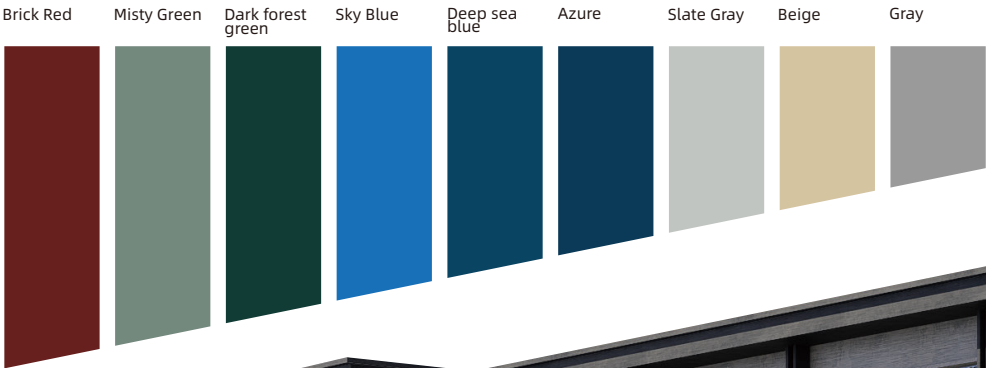
International Standards

Independent full-standard design to fulfill global project compliance demands
U.S. (AISC/ASCE) | European (EN) | Australian (AS) | Chinese (GB)

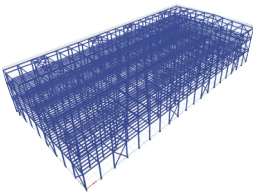
Professional Software

SAP2000 / ETABS / STAAD Pro / PKPM / YJK / 3D3S / IDEA / Tekla
End-to-end digital design for precision and efficiency

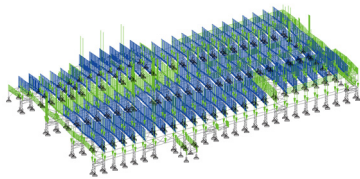
Multiple colors available



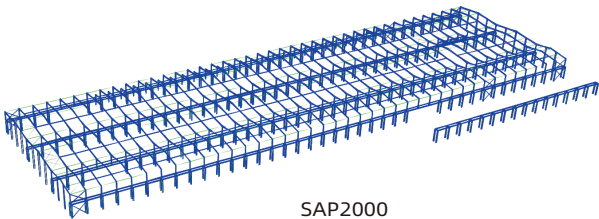
STAAD Pro



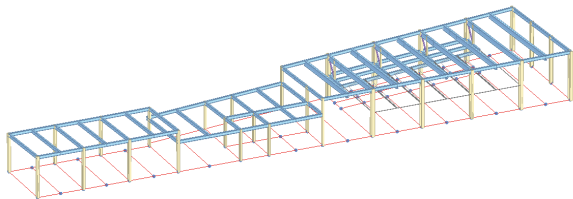
ETABS



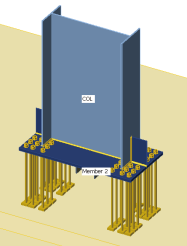
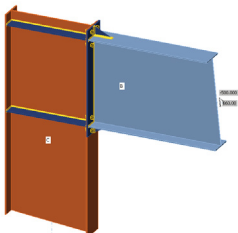
STAAD Pro Load Analysis Diagram



SAP2000



YJK



Joint Analysis Diagram



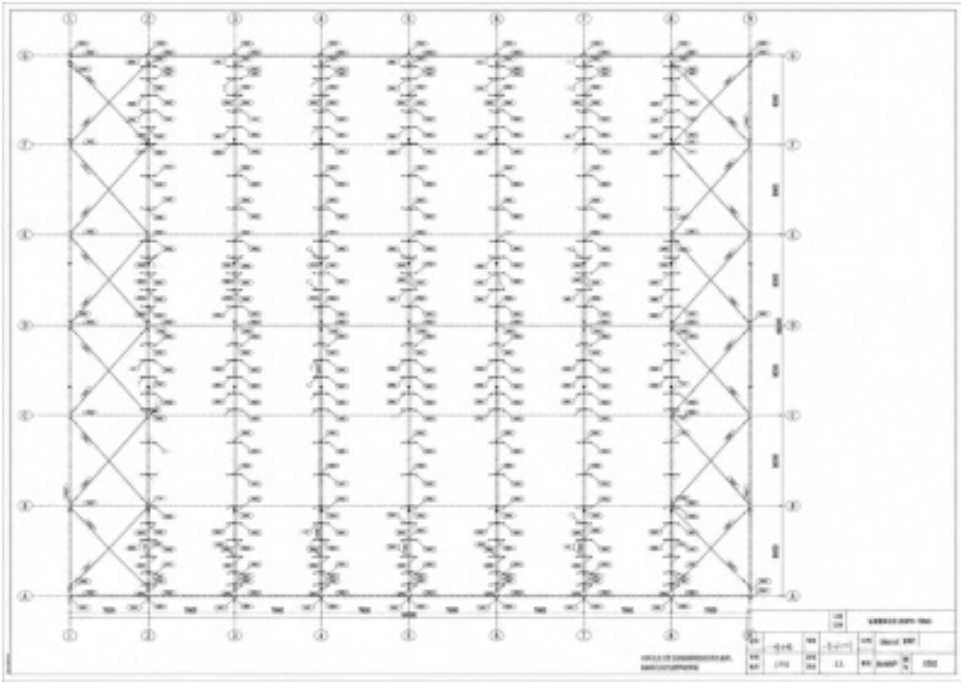
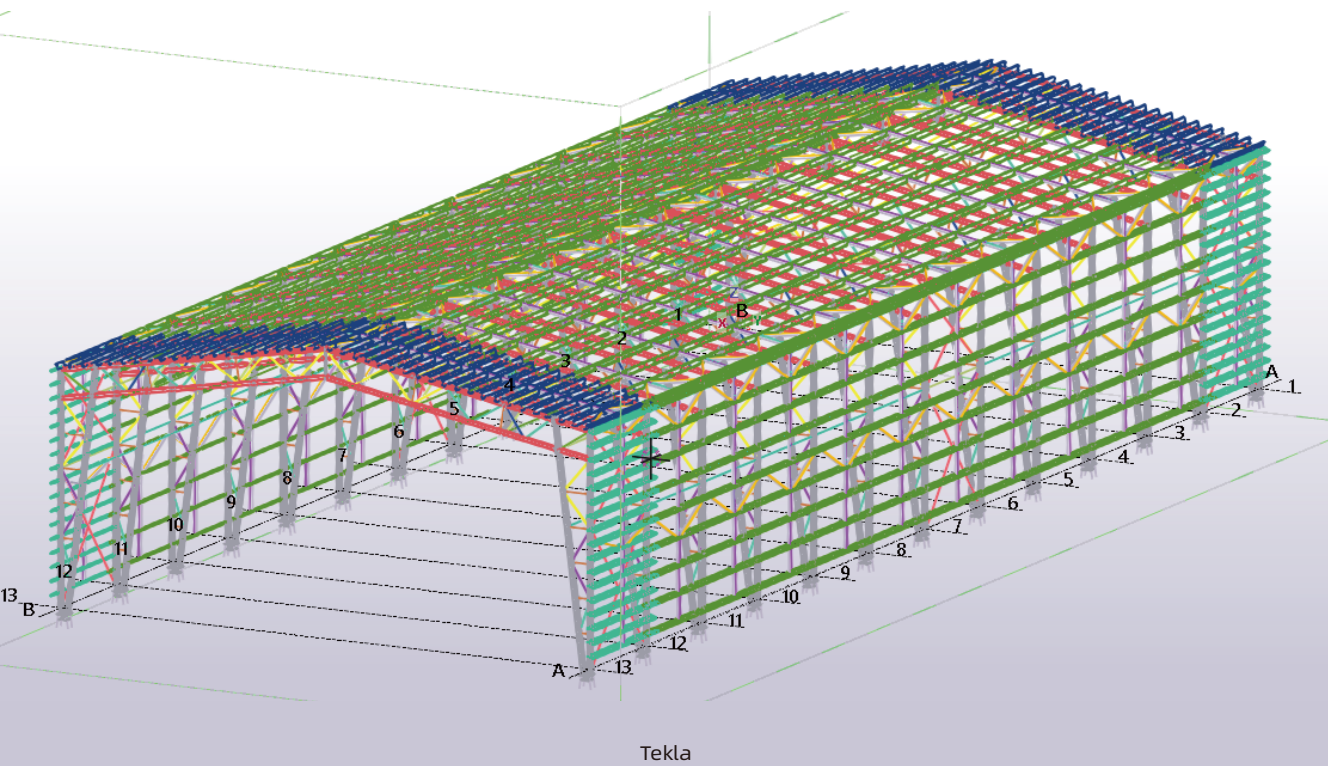
Detailed Design

Scope of Services

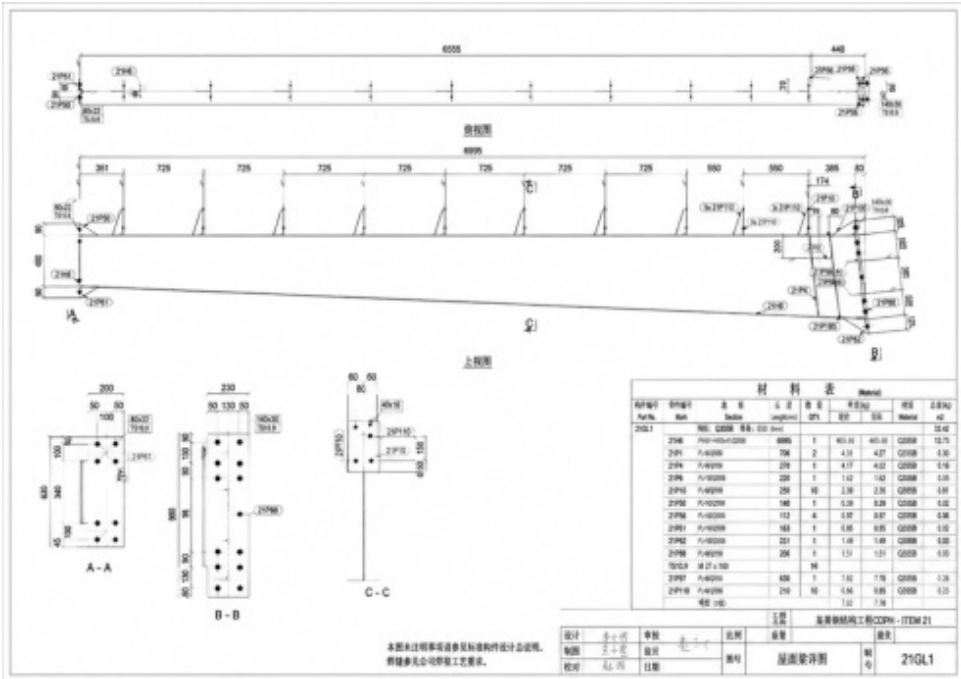
Tekla modeling, node detailing, fabrication drawings, installation drawings, BOM

Core Capabilities

Supports customized detailing according to multiple national standards, ensuring drawings are precisely tailored for factory production and on-site assembly.

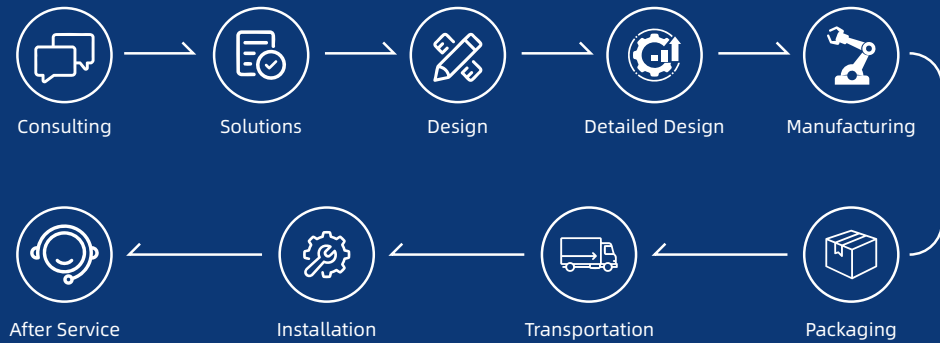


Roof Layout Drawings (Construction Drawings)



Component Detail Drawings (Fabrication Drawings)

End-to-End Service



Consulting | Solutions | Design | Detailed Design | Manufacturing | Packaging | Transportation
Installation | After Service

Quality Control

- Dimensional Inspection: Full-scale verification of raw materials and components
- Weld Inspection: Visual Inspection + Non-Destructive Testing
- Coating Inspection: Paint film thickness and adhesion testing



End-to-end quality inspection, compliant with the acceptance requirements of U.S. (ALSC/ASCE) | European (EN) | Australian (AS) | Chinese (GB)

Product Portfolio

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Steel Structure Systems



Portal Frame

Rigid connection of beams and columns, resulting in simple load distribution, efficient construction, and flexible spatial layout.

Application:

- Industrial facilities
- Warehouses
- Logistics depots



Frame Structure

Rigid beam-column connections provide excellent ductility, suitable for multi-story buildings

Application:

- Multi-story office building
- Shopping malls



Truss Structure

Hinged triangular truss system, characterized by material efficiency and large span capabilities.

Application:

- Roof structures
- Large venues
- Large-bridges



Space Frame

Space truss structure: featuring spatially distributed load-bearing, lightweight design, and exceptionally large column-free spans

Application:

- Sports arenas
- Convention centers

Portal Frame System

Applications:
Industrial plants | Logistics warehouses
Workshops with overhead cranes | Photovoltaic plants

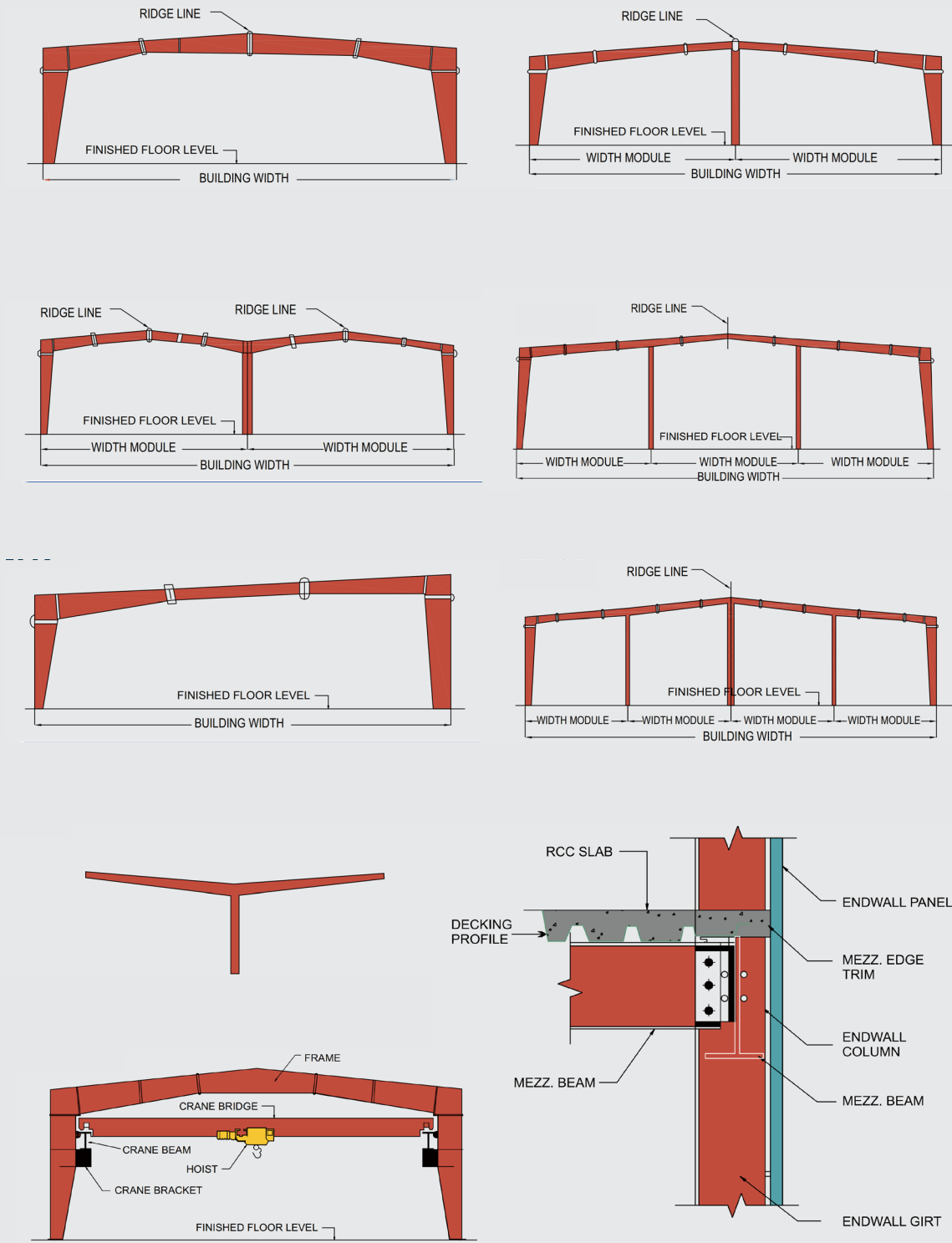


Key Specifications

Project	Specifications
Single-span Span	6~60m
Total span (multi-span)	Up to 360 m
Compatible Cranes	0-300 metric tons
Design Life	50 years
Seismic/Wind Resistance	Seismic Intensity 6-9 / Wind Force 12+

Key Advantages

Material Savings	Variable-section H beams, saving 20%-30% on steel and reducing construction costs by 15%-25% compared to concrete
Large Spans	60-meter single-span column-free design, suitable for large-scale equipment and automated logistics
Fast Delivery	Fully prefabricated and bolted assembly; a 10,000-square-meter factory can be completed in 3-4 months
Expandable	Supports future extensions, height increases, and the addition of mezzanines or cranes
Sustainable Environmental Protection	100% Recyclable Steel



Frame Structure System

Applications:

Multi-story industrial plants | Office buildings | R&D buildings |
Dormitories | Commercial facilities



Key Specifications

Projects	Specifications
Column Grid Span	6~12m
Number of Stories	1-10 stories
Floor Load	2~20kN/m²
Design Life	50 years
Seismic/Wind Resistance	Seismic Intensity 6~9 / Wind Force 12+

Key Advantages

Flexible Space	No load-bearing walls, layout can be freely partitioned
Excellent Seismic Performance	Good overall rigidity; seismic performance superior to concrete
Faster Construction	Construction time is 30% to 50% shorter than that of concrete frame structures
Cost savings on foundations	Lightweight, reducing foundation costs by 30%
Can be renovated	Supports future additions and expansions; high residual value

Long-span Structural Systems (Truss Structure/Space Frame)

Applications:
Sports arenas| Airports | Exhibition halls | Coal storage sheds | Silos
High-speed rail stations | Aircraft hangars



Key Parameters

Project	Specifications
Usable Span	30~200m+
Roof Types	Arched/Spherical/ Hyperbolic—Any Shape
Design Life	50 years
Seismic/Wind Resistance	Seismic Intensity 6-9 / Wind Force 12+

Key Advantages

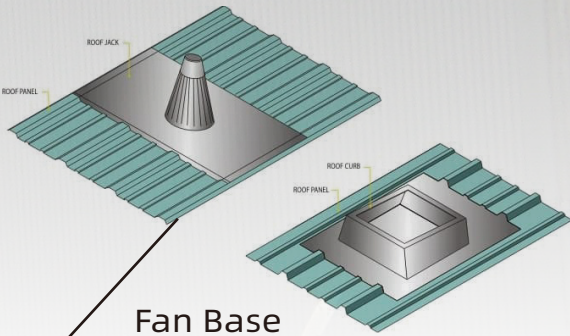
Extra Large Span	Maximum single-span length of 300m without columns, creating a fully open interior space
Extreme Material Efficiency	Triangular load-bearing system reduces steel usage by 30%-50% compared to traditional steel structures
Design Flexibility	Adaptable to any complex curved architectural form
Rapid Construction	Factory-prefabricated components are assembled and welded on-site, reducing construction time by 30%-50%
Safe and Reliable	The structure bears loads as a single unit, offering excellent seismic and wind resistance



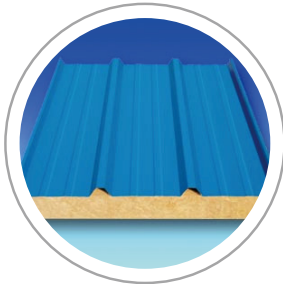
Enclosure and Supporting Systems



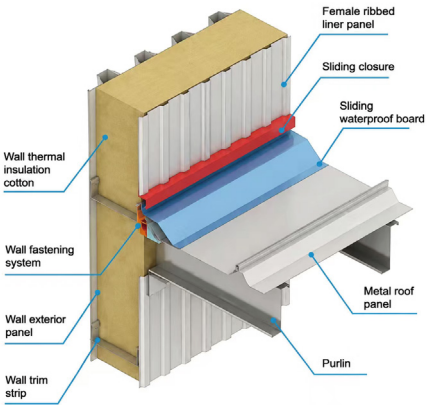
Roof Ventilator



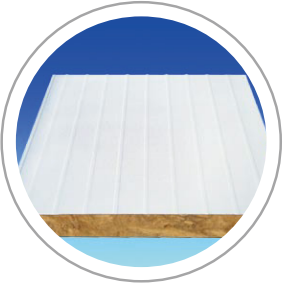
Fan Base



Rock Wool Roof Panels



Wall Connection Detail



Rock Wool Wall Panels



Lights

Enclosure and Supporting Systems



Casement Windows



Sliding Windows



Venetian Blinds



Double Doors



Sliding Doors



Roll-up Doors



Photovoltaic

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Camp products are used in over 5,000 projects across more than 100 countries and regions

Dammam, Saudi Arabia Steel Structure Project

One-Stop Solutions

Leveraging our experience in executing projects in the Middle East, we provide full-cycle, one-stop services encompassing structural optimization design, precision fabrication, international multimodal transportation, and on-site construction management. We strictly adhere to local Saudi building codes to efficiently deliver stable and durable industrial steel structure building projects.

Location: Third Industrial City, Dammam, Saudi Arabia

Building Area: 83,000 square meters

Steel Tons: 7,600 metric tons

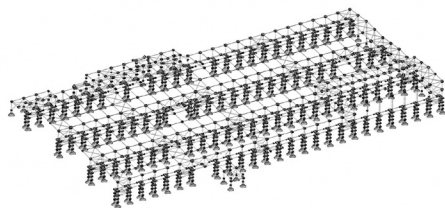
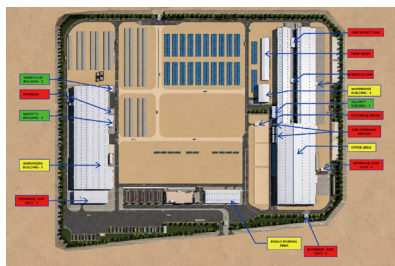


Experience in Delivering Large-Scale Overseas Projects

Building on the benchmark 7,600-metric-ton prefabricated steel structure project in Dammam, Saudi Arabia, we have accumulated proven experience in executing large-scale projects in the Middle East and possess the capability to efficiently implement and deliver overseas projects.

International-Standard Quality Control

We strictly adhere to U.S. design codes, utilize BIM for detailed modeling and design, employ AWS- and CWB-certified welding processes, and rigorously uphold international quality acceptance standards throughout the entire process.



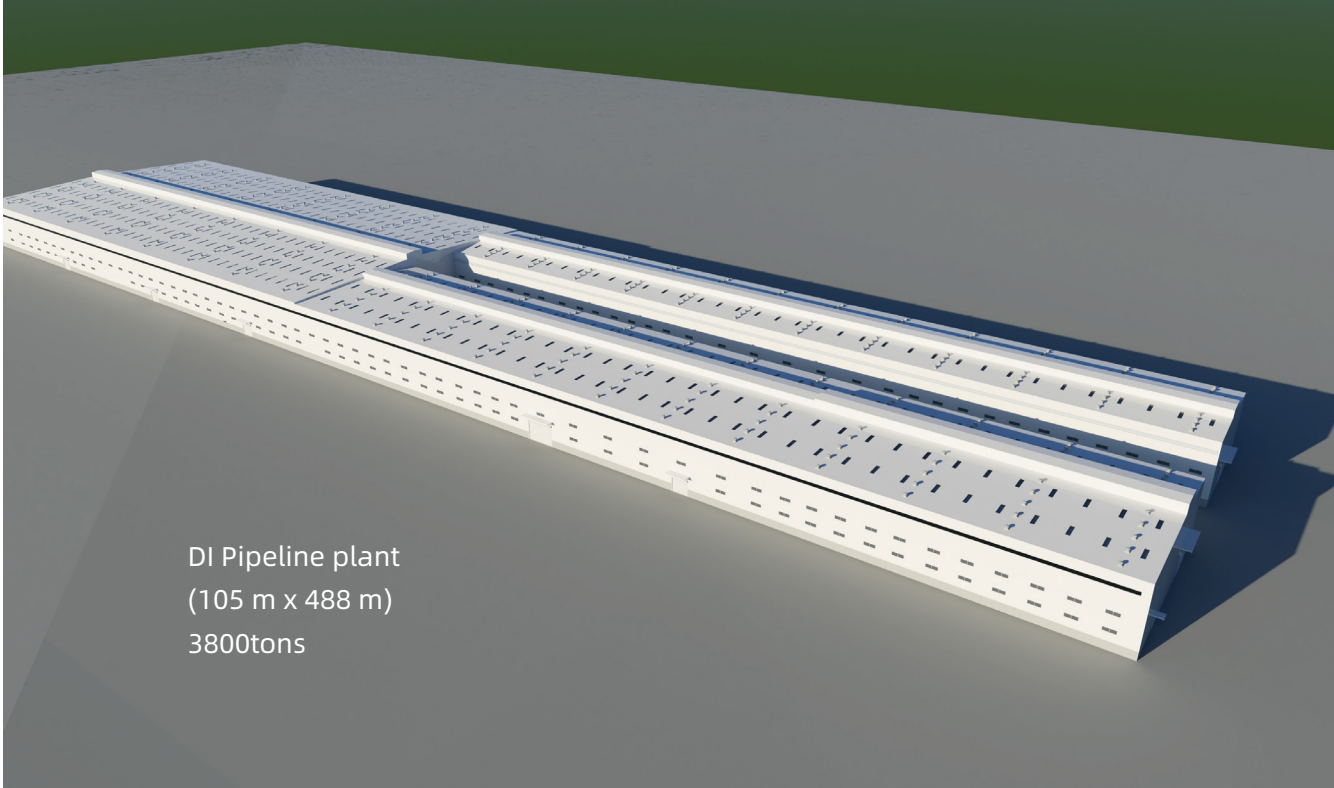
Standard: U.S. Standards

End-to-End One-Stop Integrated Services

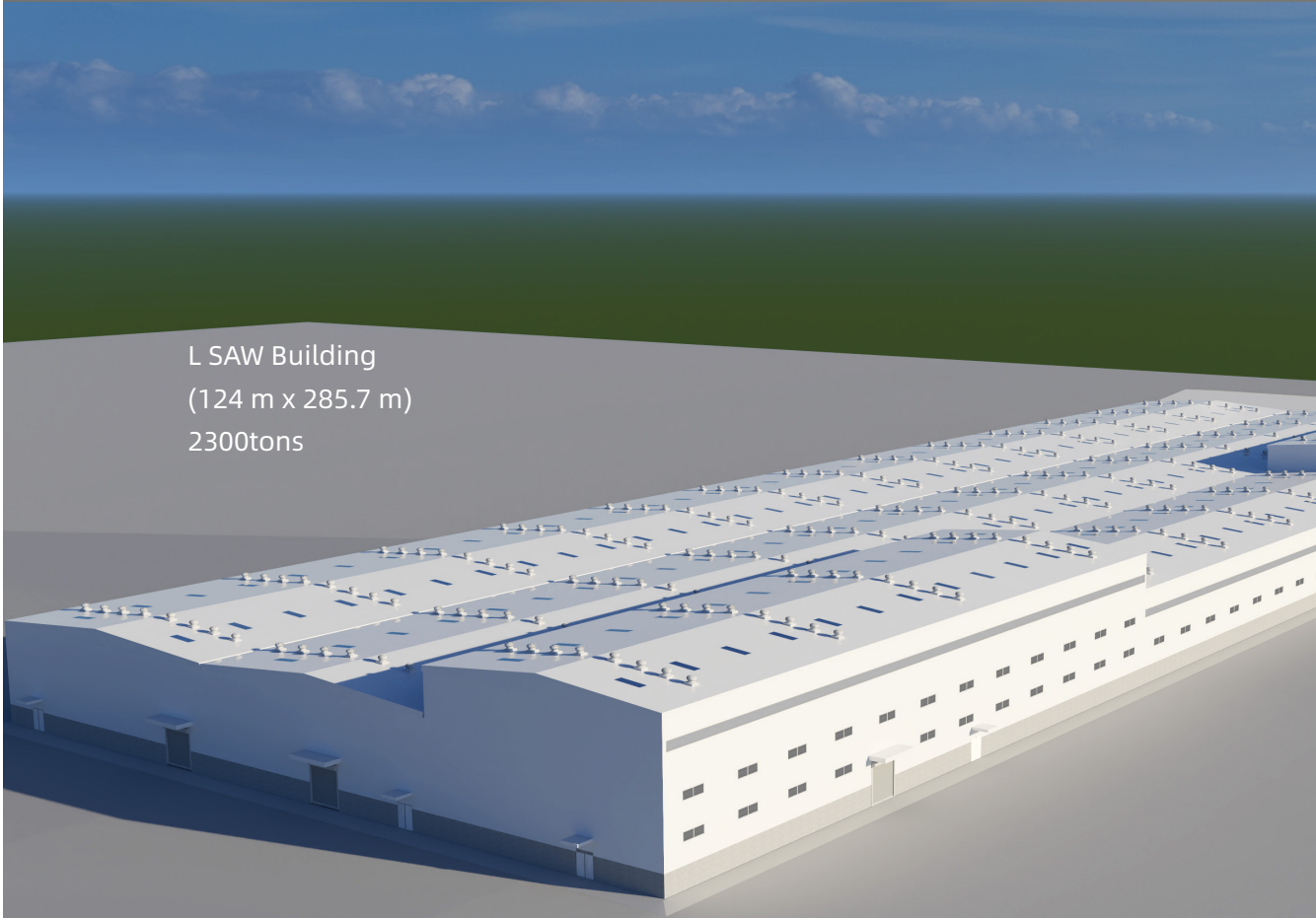
Leveraging our large-scale in-house production facilities, we provide end-to-end, one-stop solutions covering design, manufacturing, cross-border logistics, and on-site technical guidance to ensure closed-loop project delivery.



Customized Packaging and Transportation



DI Pipeline plant
(105 m x 488 m)
3800tons



L SAW Building
(124 m x 285.7 m)
2300tons

Asia



Indonesia Office Camp Project



Singapore Office Cafeteria Project



Pakistan Residential Security Installation Project



Mongolia Coal Mine Basketball Court Project



Mongolia Repair Shop Project



Kazakhstan Oil Storage Facility Project



Kazakhstan Project



Kazakhstan Factory Building Project



Office Space Project in Tongxiang, Zhejiang, China



Bangladesh Project

Africa



Luanda, Angola Project



Kenya Mombasa-Nairobi Railway Project



Gabon Plant Project



Nigeria Dairy Plant Project



Upper Atbara Hydropower Plant Warehouse Project in Sudan



Lesotho Water Conveyance Tunnel Project



Madagascar Textile Factory Project



Malabo, Equatorial Guinea Project



Suriname Ministry of Foreign Affairs Office Building Project

The Americas



Nassau Resort Project, The Bahamas

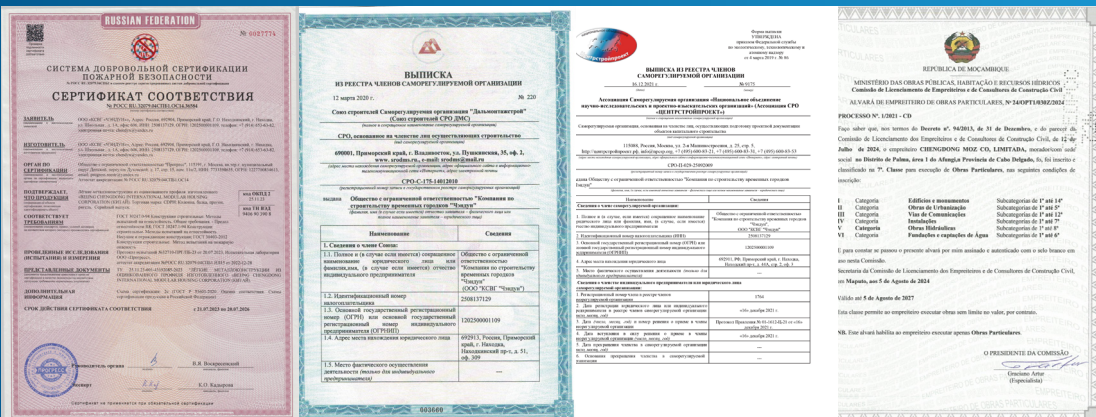


Mirador Copper Mine Project, Ecuador

Europe

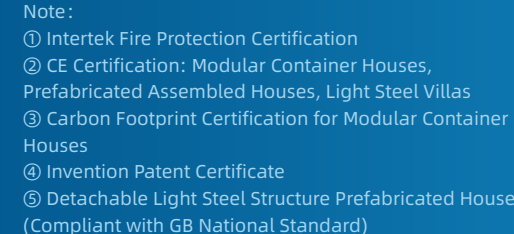


Perm Oil Refining and Petrochemical Project



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Chengdong has obtained numerous certifications and patents, fully demonstrating the company's technological strength and leading position in the industry.



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Global Partners

