

# COMPANY PROFILE



EPC CONTRACTOR  
STEEL CONSTRUCTION  
LIGHT CIVIL WORK

WHAT EVER YOUR NEEDS, WE OFFER A ONE STOP SOLUTION



WHO WE  
ARE ?



## COMPANY OVERVIEW

Total Solusi Konstruksi providing **Engineering, Procurement Construction** project, steel supply and erection or just standalone steel erection and coordination, We are EPC Contractor.

Through our affiliated companies we can design, fabricate, deliver and erect almost any type of steel construction. Currently we operate in Java, Sumatera, Nusa Tenggara Timur and Papua.

Within our EPC division we can now offer Design and Construction services for various Civil, Structural and Architectural works in addition to pulling all our previous services under one point on contact to give you peace of mind, together with a single point of contact with the modern and dynamic approach of Total Solusi Konstruksi.

Whether you are driven by cost, programme or quality we can adapt our portfolio of service to suit your needs. As one of your core values at Total Solusi Konstruksi we will leave no stone unturned when searching for a variable solution that fits your needs. We have a team of experts that will challenge every aspect of the design to provide the most performance efficient product at the right cost.



## SCOPE OF WORK

One of the main advantages to a typical EPC Project (Engineering, Procurement & Construction) is the **single point responsibility** of the contractor.

### EPC SOLUTIONS

Our team of designers and construction specialist bring vast experience to the projects, whether it be industrial factories, commercial buildings or civil structural or infrastructure. We are trusted to bring inventive and cost effective solutions to complicated technical challenges.

Our team of professionals works seamlessly with our clients to create complete service solutions, our current services include the following services : Industrial Buildings, Commercial & Retail, Oil & Gas, Petrochemical, Bridges, Steel Structures, Telecommunication & Transmission Tower, Infrastructure, Offshore Riggs, Transportation, Station, Light Civil Works, Metal Works, Airport, etc.

### STEEL SOLUTIONS

The design, procurement, delivery and erection of your metal building can a tricky process. Simple things such as sequencing the design so that you obtain steel deliveries in a suitable sequence can result in sizable delays to your project if done incorrectly.

Here at Total Solusi Konstruksi we take the hassle out of this by managing the entire process from concept to completion. We offer the following service : Design Zoning of Construction, Shop Drawings & Approval Drawings, Coordinated Programme of All Trades, Factory Visits, Material Selections, Site Visits to the Project Locations, Determine Any Logistical Issues, Weekly & Fortnightly Reports, Anchor Bolt Site Setting Out and Installation.



## STEEL PRODUCT

Our affiliated companies is the biggest steel industry in Asia. We can providing the material for steel construction needs. The material is already stock such as IWF, H-Beam, Plate, Angle, King Cross, Queen Cross, T-Beam, Wire Mesh, Pipe, Lipped Channel, Anchor, Steel Bar, and many moore of steel products.

## EPC EXPERTISE

Project Thamrin Nine

## EXCELLENT PROJECT MANAGEMENT SKILLS

Combined with a wide range of functional expertise in areas such as design engineering, technical procurement, logistics site construction, quality management and lifting plan to consistently deliver complex and demanding projects to the highest technological standards.



**The scope of Engineering** ranges from the conceptual design of the project to the full detailed design of all aspects of the project.

**The scope of Procurement** includes all aspects of procuring and expediting the delivery of all equipment, erection, fabrication materials and other services.

**The scope of construction** covers the activities of fabrication, on site erection and material selection. Construction is managed by a dedicated site team from Total Solusi Konstruksi, with specialist supervisors being assigned for each discipline.



## “OUR TEAM IS OUR POWER”

The key to Total Solusi Konstruksi competitiveness are its employees, characterized by their professionalism, high technical qualifications, integrity and strong sense of collaboration. The company has the full range of technical resources and the required experience to undertake the most complex and demanding projects.

## “CAPACITY AND FLEXIBILITY”

Total Solusi Konstruksi has the critical mass to successfully manage major projects, whilst maintaining the essential flexibility to respond quickly and effectively to unexpected events, as well as the capacity to execute multiple projects simultaneously with outstanding performance.

## “ON-TIME AND ON-BUDGET”

Total Solusi Konstruksi track record in successfully delivering projects on-time and on-budget has enabled its sustained, profitable growth over the last decades. Due to its remarkable financial strength and stability, the company has the ability to pursue its development strategy and expand its business activities into important new markets.

## “COMPETITIVE SOLUTIONS”

Being independent, but with strong relationships with major equipment suppliers, Total Solusi Konstruksi has the ability to offer the most appropriate technology for any project. The ultimate objective is to provide the optimum solution for customer requirements and project needs.



WHAT WE  
BUILD ?

# INFRASTRUCTURE PROJECT



## “BRIDGES & STATIONS LIGHT RAIL TRANSIT”

We have LRT Project steel Bridge & Station. This is infrastructure sector project. Location of the project in Palembang City of South Sumatera Indonesia.

Steel structure supply and installation of long span bridges for light rail transit as well as supply and installation of 4 rail stations comprising of concourse and architectural steel pipe roof structure.



WHAT WE  
BUILD ?



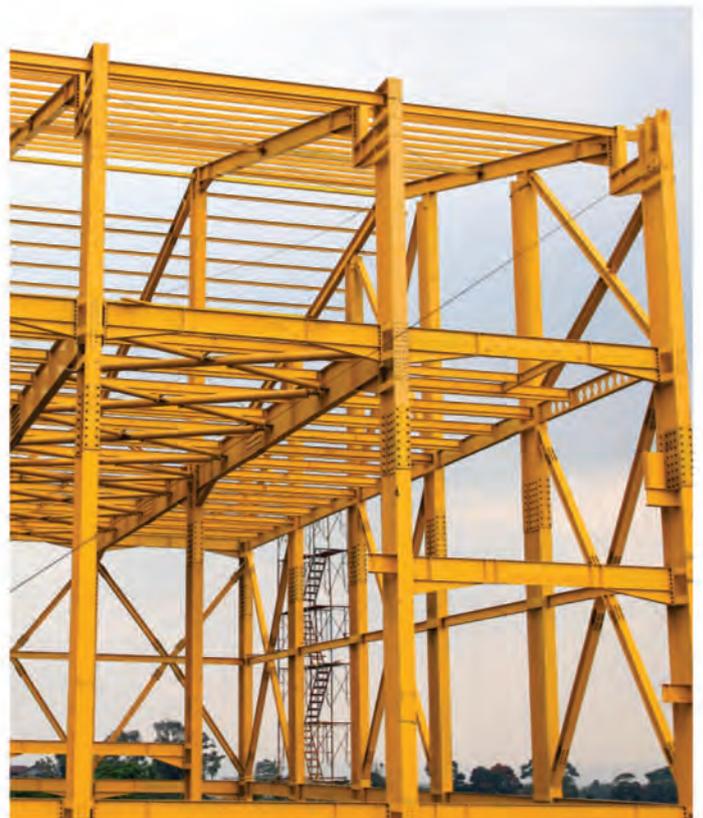
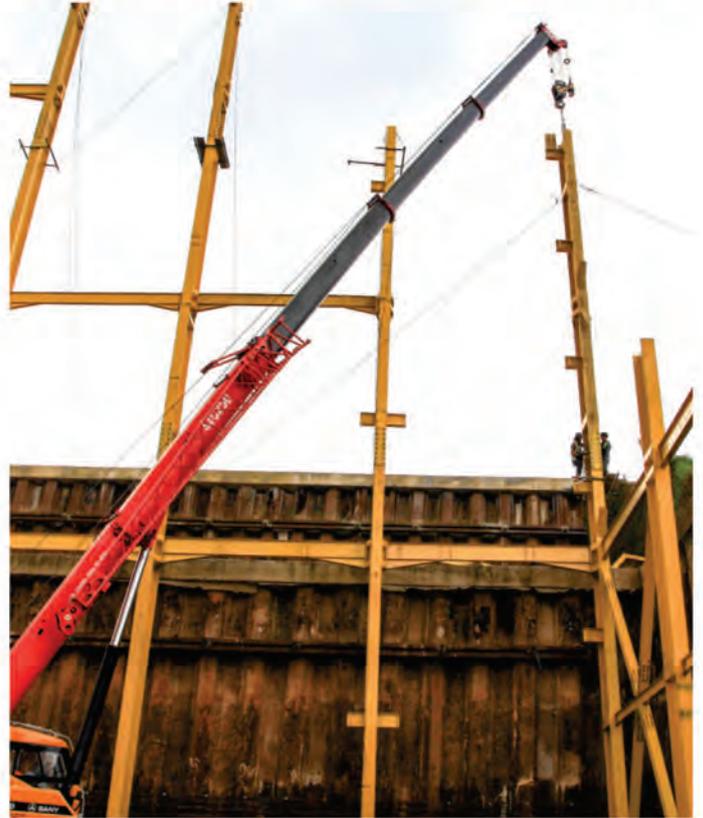
## BUILDING PROJECT



### “STEEL STRUCTURE FACTORY BUILDING”

In the factory building project, we have plastic packaging factory, providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver fabrication material to our customers with erection of the steel structure, either as a main contractor, or in consortium with leading power generation equipment manufacturers.

The location of this project in Sukabumi, West Java. Design coordination, steel supply & fabrication, delivery and erection of steel structure work of Plastic Packaging Factory. This is the biggest factory using steel structure.





WHAT WE  
BUILD ?

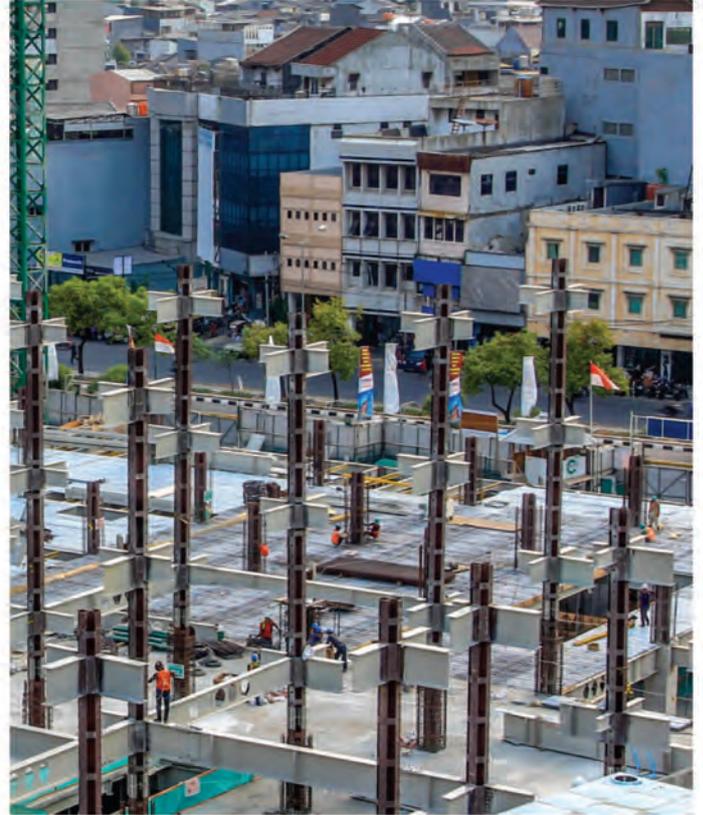
## BUILDING PROJECT



### “STEEL STRUCTURE COMMERCIAL BUILDING”

In the commercial building project, we have the steel structure building, providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver fabrication material to our customers with erection of the steel structure, either as a main contractor, or in consortium with leading power generation equipment manufacturers.

The location of this project in Jakarta. Steel structure of commercial building well qualified Engineering, Procurement and Construction (EPC) functions, coordinated by specialist project management resources.





WHAT WE  
BUILD ?



# BUILDING PROJECT



## “PARKING BUILDING COMMERCIAL”

4 level, earthworks, pilling and foundations, steel & concrete frame with external parking roads. We are building in various locations for BCA Matraman parking according to the demands of client. The location of this project in Jakarta.

In the commercial building, we have parking building projects, providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver and erection projects to the plant, either as a main contractor, or in consortium with leading power generation equipment manufacturers.



WHAT WE  
BUILD ?



# ENERGY PROJECT



## “GEOTHERMAL POWER PLANT”

In the energy sector, we have the geothermal power plant projects, providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver fabrication material to customers, either as a main contractor, or in consortium with leading power generation equipment manufacturers.

Geothermal power plant requires a blend of well qualified Engineering, Procurement and Construction (EPC) functions, coordinated by specialist project management resources.





WHAT WE  
BUILD ?

# CHEMICAL PROJECT



## “CHEMICAL PLANT INDUSTRIAL BUILDING”

In the industrial sector, we have mechanical work plant projects, providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver and erection projects to the plant, either as a main contractor, or in consortium with leading power generation equipment manufacturers.

The location of this project in Cilegon.

With this experience, Total Solusi Konstruksi has extensive references and a strong record of successfully delivering major industrial building projects, often on very demanding project schedules (fast-track), to support industrial sector in the world.





WHAT WE  
BUILD ?



# FARMER PROJECT



## “BUILDING FARM”

Land preparation, ground improvement, piling and foundations, steel frame, concrete floors, roofing/cladding with external parking and roads.

Duck breeding farms with civil and infrastructure works. This enclosure consists of 3 buildings which are prepared with mechanical electrical and plumbing.

providing the complete range of Engineering, Procurement and Construction (EPC) services which are needed to successfully deliver and erection projects to the site project.





WHAT WE  
BUILD ?

# BELT TRUSS & OUTRIGGER PROJECT



## “THAMRIN NINE BUILDING”

In this project, we supply steel for belt truss and outrigger in the Thamrin Nine building located in the Jakarta business center.

Starting from supply, fabrication and erection we do everything with professionals by prioritizing customer satisfaction.

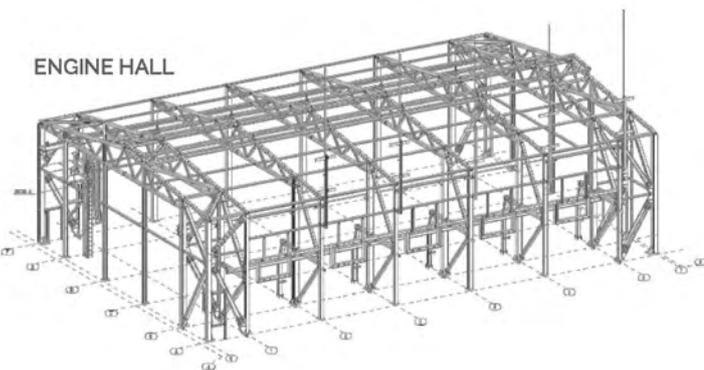
Using a steel costume with a thickness of 4mm we designed and combined it in several assemblies until the material was installed properly. This is a very thick steel costume compared to the other projects.



WHAT WE  
BUILD ?



ENGINE HALL



RADIATOR PANEL  
SHELTER



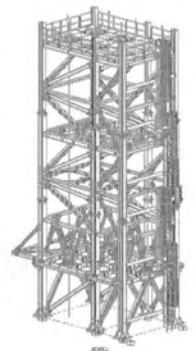
COMPRESSOR  
ROOM



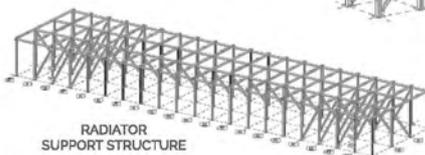
EXHAUST DUCT  
SUPPORT TOWER



STACK  
STRUCTURE



RADIATOR  
SUPPORT STRUCTURE



# ENERGY PROJECT

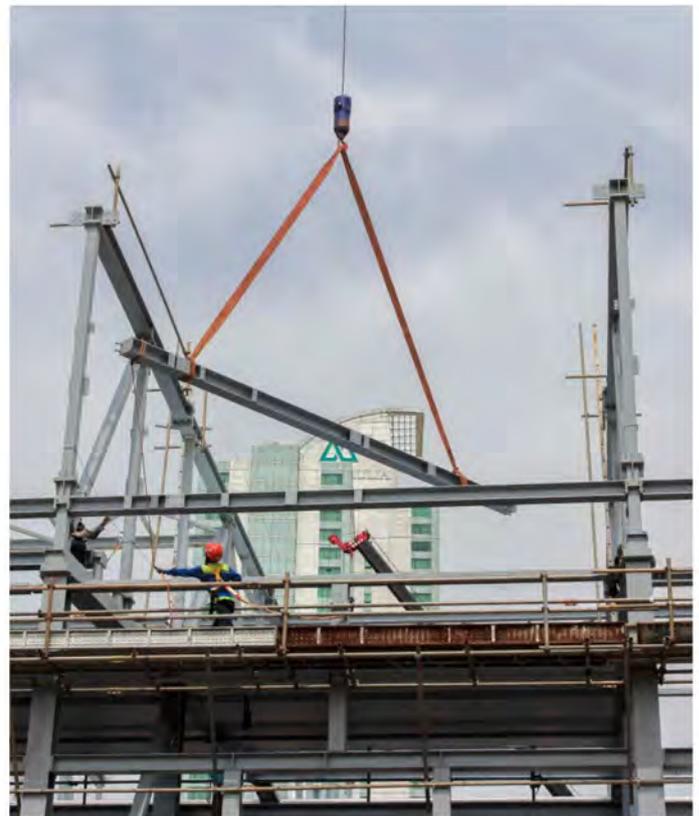


## “GAS ENGINE POWER PLANT”

Another energy project developed by PLN (persero) with the main contractor PT. Wartsila is a Gas Engine Power Plant, project located in Kupang NTT, Papua and Senayan Jakarta.

We supply steel with several design such as: engine hall, LV room, filter platform, compressor room, duct and side generator, radiator panel shelter, stact structure, exhaust duct, etc

Starting from steel supply, fabrication and delivery to the site project location.



## SAFETY ASSURANCE

“As a general contractors and steel structure company, prioritize HSE controls within their projects and plant workshop”.



Providing clean and safe work environment for everyone. To achieve the goal, every employee is expected to prevent accident, control all hazards in the workplace and preserve all personnel safety and health under her/his supervisor or other colleagues who is working together. Comply the National HSE Regulation and other related requirements. Regularly plan, implement, review and improve the HSE management system, HSE objective and HSE performance.

Unreliable systems pose risks to manpower, assets and production. Our safety assurance services, which include risk analysis, reliability assessment, functional processes and security, assist clients in high-hazard and safety industries to maintain personnel safety, construction integrity and maximize productivity while performing critical safety and environmental operations such as lifting, fabrication and erection of construction start up.

We adopt a risk-based approach to ensure the safety and reliability of project operations, systems and equipment by minimizing risks, identifying hazards and risk factors, and ensuring uninterrupted fabrication and erection, safety and regulatory compliance.



## OUR CLIENT



Project Name : KUPANG GAS ENGINE POWER PLANT  
 Client Name : PT. Wartsila  
 Requirement : Steel supply & fabrication  
 Location : Kupang, NTT - Indonesia

Steel supply & fabrication for Geothermal power plant at Kupang Gas Engine Power Plant Peaker 40MW such as Engine hall, lv room, filter platform, general duct, compressor room, radiator panel, exhaust duct, etc



Project Name : BELT TRUSS & OUT RIGGER  
 Client Name : PT. Putragaya Wahana  
 Requirement : Steel supply, fabrication & Erection  
 Location : DKI Jakarta - Indonesia

Steel supply, fabrication and erection of belt truss & out rigger for Thamrin Nine Building in a commercial district Jakarta. Approximately 3500 ton of steel at level floor 35 and 50. This is commercial building in Jakarta.



Project Name : LIGHT RAIL TRANSIT (LRT)  
 Client Name : PT. Waskita Karya (Persero) Tbk  
 Requirement : Steel Supply, Fabrication & Erection  
 Location : Palembang, South Sumatera - Indonesia

Steel structure supply and installation of long span bridges for light rail transit, as well as supply and installation of 4 rail stations comprising of concourse and architectural steel pipe roof structures.



Project Name : HARCO GLODOK BUILDING  
 Client Name : PT. Wahana Sentra Sejati  
 Requirement : Steel Supply, Fabrication & Erection  
 Location : Glodok, DKI Jakarta - Indonesia

Approximately 6000 ton of steel over 17 floors in a busy district of Jakarta. Steel supply, design coordination, fabrication coordination, delivery and erection. This is a commercial building in Jakarta



GENERAL ELECTRIC

Project Name : GEOTHERMAL POWER PLANT  
 Client Name : Pertamina - General Electric  
 Requirement : Steel Supply for Electrical  
 Location : Tasikmalaya, West Java - Indonesia

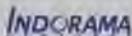
Steel supply & fabrication for Geothermal Power Plants. The location area in Karaha, Tasikmalaya, West Java. Complete metal building solutions have been provided to remote locations.



PT. ANTA TIRTA KARISMA

Project Name : PLASTIC PACKAGING FACTORY  
 Client Name : PT. Anta Tirta Karisma  
 Requirement : Steel Supply, Fabrication & Erection  
 Location : Sukabumi, West Java - Indonesia

Design coordination, steel supply & fabrication, delivery and erection of steel structure work of Plastic Packaging Factory. This is the biggest factory using steel structure at Sukabumi West Java.



Project Name : CHEMICAL BUILDING  
 Client Name : PT. Indorama Ventures  
 Requirement : Steel Supply, Fabrication & Erection  
 Location : Cilegon, Banten - Indonesia

This project is the development of chemical plant expansion for Indorama Ventures Indonesia in Cilegon. There is a 5 phase plant expansion to put the big vessel for expansion factory.



Project Name : MULTI LEVEL CAR PARK BUILDING  
 Client Name : PT. Bank Central Asia  
 Requirement : Civil Work, Fabrication & Erection  
 Location : Matraman, DKI Jakarta - Indonesia

2 Level, earthworks, piling, and foundations, steel & concrete frame with external parking and roads. We are building in various locations for BCA matraman parking according to the demands of client.



HAWKINS

Project Name : GEOTHERMAL POWER PLANT  
 Client Name : Pertamina - Hawkins - BCK  
 Requirement : Steel Supply, Fabrication & Erection  
 Location : Tasikmalaya, West Java - Indonesia

Project Description : These project are Geothermal Power Plants. The location area in Karaha, Tasikmalaya, West Java. Complete metal building solutions have been provided to remote locations.



POKPHAND

Project Name : BUILDING FARM  
 Client Name : PT. Charoen Pokphand  
 Requirement : Civil Work, Fabrication & Erection  
 Location : Bogor, West Java - Indonesia

Land preparation, ground improvement, piling and foundations, steel frame, concrete floors, roofing/cladding, plumbing with external parking and roads. This enclosure consists of 3 buildings.



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