



**COMPANY PROFILE**

**ENGINEERING SOLUTION**  
ENTERPRISES



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Engineering Solution Enterprises / Nisar Engineering Services is an engineering solution company established in 2007. We are a team of engineering professionals from diversified fields united to provide services and engineering solutions in the field of Mechanical, Electrical, Electronics, Project Management, Plant Maintenance, Design Engineering, Energy Conservation, Piping works, Steel Fabrication, Rental Equipment and Spare Parts Supply and manufacturing.

We believe in quality services to ensure plant reliability. We have a strong HSE policy and a qualified HSE team.



### **Our Mission**

The mission of Engineering Solution Enterprises is to provide optimum construction and design solution to our customers. We want to attain a new height of HSE and quality standards.



### **Our Vision**

Our vision is to provide services to the industry by using best engineering practices to increase their process effectiveness and reduce operating costs. Supply of high-quality material that will ensure plant reliability and hence productivity.



# SERVICES

We are providing following services to industry:



## 01 Piping - Structure Fabrication- Tanks Fabrication

We are specialized in piping, steel structure and tank fabrication in all materials like Carbon Steel, SS 304, and SS-316. We can provide you any type of steel plates and steel structure fabrication and installation services at the most competitive rates with the best quality at Site or Workshop.

## 02 Supply of Piping, Valves, Fitting in Carbon Steel, SS- 304, SS-316

Every industry needs minimum inventory and operating costs that can be achieved through sourcing compatible equipment and spare parts. We are experienced engineering professionals in the field of

Mechanical, Electrical, Electronic, and Utilities so we can recommend and supply compatible low-cost equipment and spare parts for your machines that will reduce your operating and inventory costs with the same reliability of operation. Before you finalize anything, give us a chance to serve you.

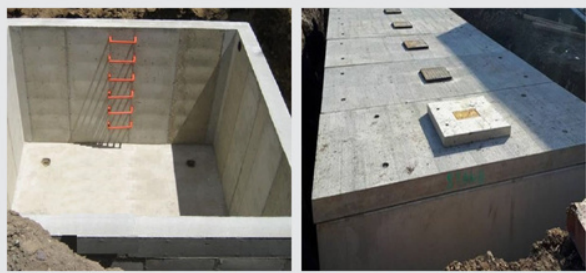
### 03 Civil Works

We have a specialized team to carry out civil works of all industrial needs, including the foundation of equipment, Plants, buildings, etc.

We are also specialized in the manufacturing of pre-cast buildings and structures.

### 04 Water Tanks - Roof Repair and Water proofing

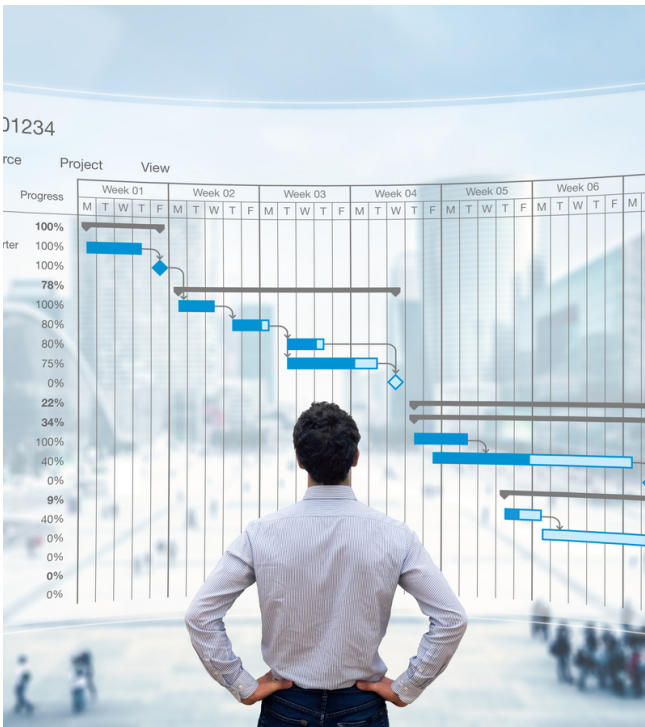
We provide design, construction and repair solution for under ground, over head tanks. Special chemical coating for water proofing of existing roof slab. Complete repair of existing roof and ceilings.



## 05 Energy Conservation

Increasing energy cost and the unavailability of energy resources is the biggest problem faced by our industry. We can reduce your Energy Cost through energy audits, improvement in energy transportation systems, better engineering practices, Data recording and energy management. To cover conventional energy shortages, we can suggest and provide you with alternate energy resources that suit your working conditions.





## 06 Project Management

We are a group of professionals from the Electrical, Electronic, Mechanical, Piping, Power Generation and Steel Fabrication fields. We can provide you with all the above kinds of services for the installation, erection and commissioning of a plant or equipment as per your requirement. During work, we ensure the best project management practices that ensure the on-time completion of projects with minimum cost and maximum reliability.

## 07 Spare Parts Manufacturing

We have liaison with manufacturing facilities to produce any kind of machining and casting spare parts that greatly contributes to reducing downtime and increasing the reliability of machines.

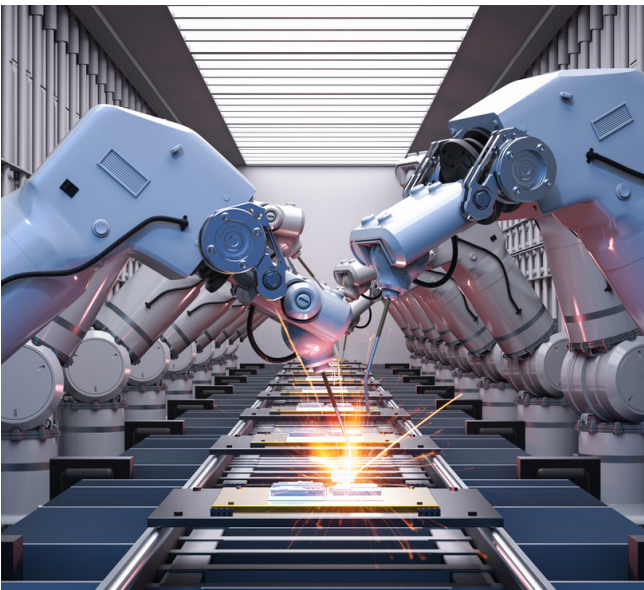




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## Industrial Automation and Retrofitting

This is the era of technology, and only the well-equipped can compete in the market. We provide solutions that can increase and sustain the effectiveness, and reliability of the equipment by installing modern electronics and control components on Drives, Electrical Panels, Valves and lighting systems.



## 09 Waste Water Treatment Plants

We provide complete engineering solutions for waste water treatment plants concerning design, supply and installation.



## 10 Workshop Services

We have a fully equipped and state-of-the-art fabrication workshop located in Karachi. The following services are provided at our manufacturing facility.

- Fabrication and manufacturing of plate and tube heat exchangers
- Fabrication and manufacturing of pressure vessels and storage tanks
- Retubing and refurbishment works related to HEX and Pressure vessels
- Manufacturing special parts such as gears, shafts, impellers, sleeves etc.
- Fabrication / Pre-Fabrication of steel structure
- Manufacturing of column trays of petrochemicals, refinery and ethanol plants



## 11 Design Engineering Services

We have a dedicated division for handling the design-related queries of our clients. Our highly experienced engineers and drafting staff have the latest tools and applications. Our main service areas are as follows:

1. Piping design and stress analysis
2. Pipeline design and analysis
3. Heat exchanger design and analysis
4. Pressure vessel design and analysis
5. Structural Analysis
6. Stress analysis for decision making
7. 3D Modeling and scanning
8. P&ID drafting services
9. Auto CAD services







## 12 Pre Engineered Buildings

We design and provide high quality pre engineered buildings.



# CONTACT US

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