



حلول الامداد الخليجيہ  
GULF SUPPLY SOLUTION  
Engineering | Supply | Fabrication

[www.gsupplysolution.com](http://www.gsupplysolution.com)

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- ▶ Road Construction Industry
- ▶ Automotive Industry
- ▶ Dam Construction Industry



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# GSS at a Glance

حلول الامداد الخليجيّه  
**GULF SUPPLY SOLUTION**  
Engineering | Supply | Fabrication



## Our Business:

Design, fabrication & supply of prefabricated, steel-based structures

## Industries Covered:

Water, Energy, Gas & Oil, Petrochemical, Steel, Mine

## Years in Business:

30

## Production Capacity:

6-hectare manufacturing facility

## Turn Over:

10 Millio USD- Annually

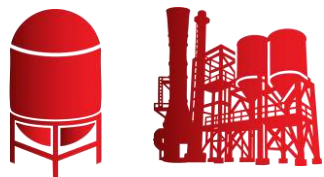
## Conducted Experiences:

About 200 projects

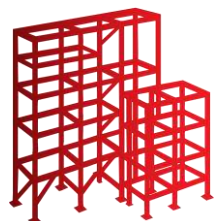
# WHAT WE OFFER

## Design, Fabrication & Installation

### Industrial Parts & Equipment



*Stacks Ejectors, Heat exchanger & towers, Ducs & industrial Chute, Pressure Vessels, Storage Tanks , Silos & Drums, Reactors & Industrial Furnaces, Overhead & Gantry cranes, pulling winches, Noise Control Equipment & Industrial Silencers, Modular Units for Oil Processing, Operation, & Desalting*



### Industrial Steel Structures

*Bridges- production Halls and pipe rack assemblies*



### Hydromechanical Equipment for dams

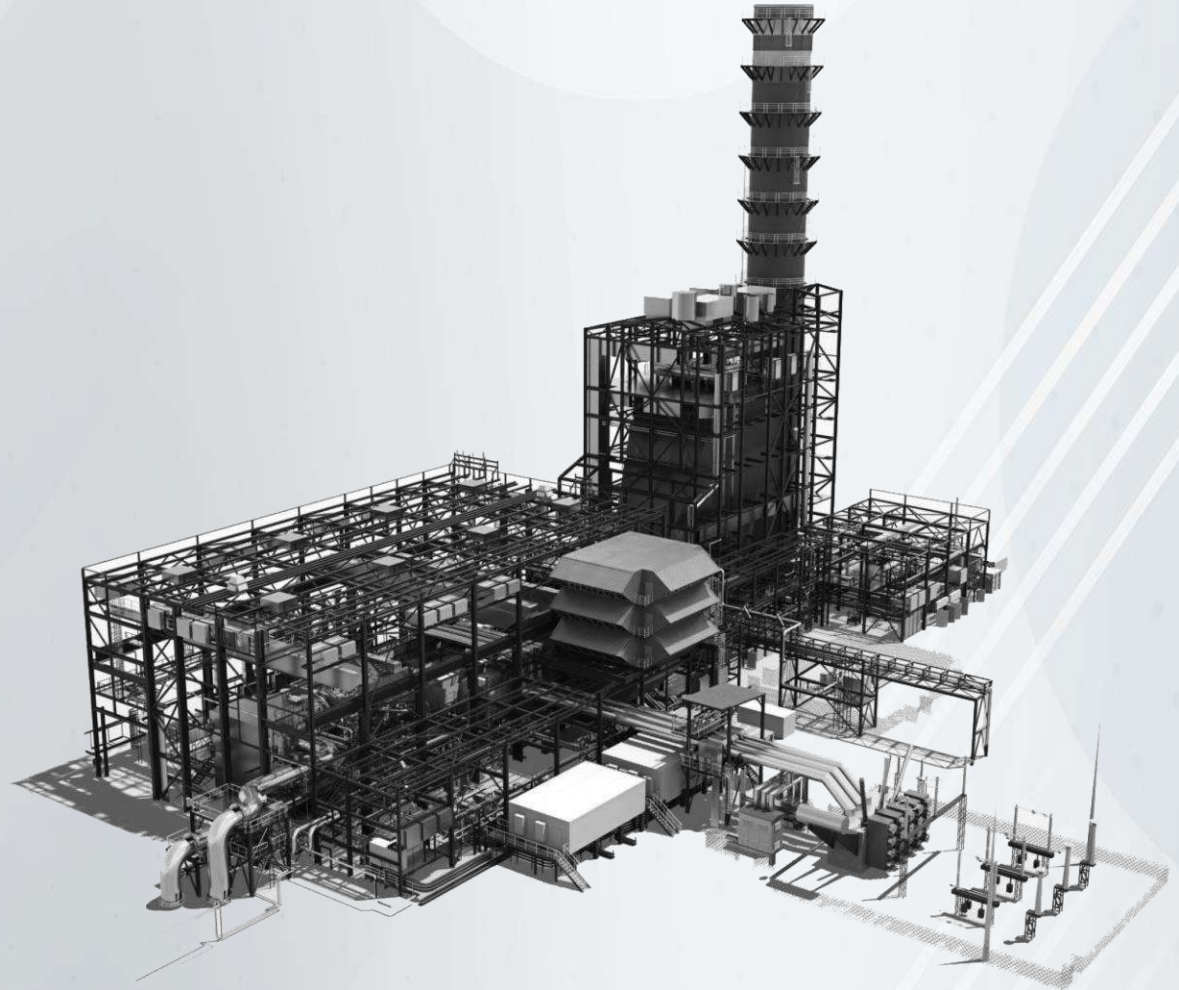
*Radial, Slide & Emergency service gates*

# Highlights & Achievements

Execution of

**100,000 Ton**

Steel-structure, Pressure Vessels & Storage Tanks



## Led Design & Implementation of Hydromechanical Systems for + 80 Major Dams



# Commitment to the Standards



9001:2015



14001:2015



45001:2018



3834-2:2005



American  
Petroleum  
Institute



American Welding Society

# Partnership with

**Marubeni**  
CORPORATION

Ref. No: AT20-IE-135  
Date: 6<sup>th</sup> September, 2004

Fanavary Novin Niroo Company  
No. 10, 18<sup>th</sup> Street,  
Saadat Abad Blvd.,  
Tehran 1997983513,  
Iran

For the kind attention of Mr. K. Kavianpour  
Managing Director

Sub.: Tehran Regional Electric Company (TREC)  
Rehabilitation Project for Rey Power Station

Dear Sir,

With regard to the subject project for which Marubeni Corporation and Hitachi, Ltd. have been promoting Hitachi's H-25 Gas Turbines and Generators which will be the best solution as H-25 will fit to the existing facilities for Frame 5 Gas Turbines, as the result of our and Hitachi's evaluation of the capabilities of several candidates for local partners, we are hereby pleased to notify you, as follows:

- 1) Marubeni / Hitachi have made up their minds that they will assign Fanavary Novin Niroo Company (FNN) as their local partner, subject to the terms and conditions of the Partnership Agreement (preliminary) to be mutually discussed and agreed separately. However, our collaboration is based on the understanding that FNN shall make all possible efforts to develop the captioned project on negotiation basis.
- 2) As the result of our and Hitachi's investigation of your properties / facilities and your concerned Departments, we duly appreciate the engineering, manufacturing and project management capabilities of FNN and have come to the conclusion that we will be able to place a subcontract with FNN so that FNN will locally procure and manufacture a part of the components for H-25 Gas Turbines and Generators for this project and also for future projects.
- 3) In order to enhance and strengthen FNN's capabilities for local manufacturing

1

## Hitachi (Japan)

Renowned innovator in hydro power systems & energy solutions.

- 5 -

Neither Party shall be liable to the other Party for loss of use, loss of profits, loss of any contract, or for any indirect or consequential loss or damage, which may be suffered by the other Party in connection with this Confidentiality Agreement.

The Parties shall be liable for the damages caused to the other Party by or resulting from any unauthorized disclosure of the Proprietary Information.

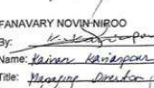
**Article 10**

The PARTIES declare, guarantee and agree to comply with all applicable legislation, anticorruption rules, prohibition of practice of acts against the public administration, including the Rules on Combating Corruption established by the International Chamber of Commerce – ICC, for the duration of this Confidentiality Agreement.

**WITNESS WHEREOF**, the Parties have caused this Confidentiality Agreement to be executed by their duly authorized officers and in the presence of the witnesses set forth below on the day and year first written above.

10. December . 2016 Tehran, IRAN

Voith  
By:   
Name: Volker L. Schmitt  
Title: Director of Marketing & Marketing

FANAVARY NOVIN NIROO  
By:   
Name: K. Kavianpour  
Title: Managing Director

**WITNESSES**

Name: \_\_\_\_\_ ID: \_\_\_\_\_

Name: \_\_\_\_\_ ID: \_\_\_\_\_

## VOITH (Germany)

Global leader in hydroelectric equipment & services

**ALSTOM**  
Power

Dr. Kavianpour  
Fanavary Novin Niroo  
Unit 3, 2nd Floor,  
No. 41 Shohd Shah Nazari Street,  
Madar Square, Mirdamad Road,  
Tehran Iran.

Cornell de Llobregat, on the 14<sup>th</sup> of December 2001

Subject: Kerit 2 & Kerit 3 Hydro Power plant

Dear Sirs

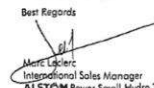
Herby we declare our interest to participate in the above project with Fanavary Novin Niroo to ensure the success of this project.

Our company has great experience in the field of hydropower and enclosed is our brochures and reference list to demonstrate our capabilities.

Our company is most keen to maximise local content while ensuring the highest quality and standards are delivered under our supervision.

Finally, we are also happy to consider entering a consortium with Fanavary for this project.

Best Regards

  
Marc Lécuyer  
International Sales Manager  
ALSTOM Power Small Hydro Turbines

Tehran Hydro Power  
One, 4th Floor, 191 217  
Cité des Connaissances de l'Université de Paris  
Tel.: +33 (0) 1 40 39 10 00  
Fax: +33 (0) 1 40 39 10 00

ALSTOM Power S.A.  
Société d'Ingénierie et de Travaux  
Sous 2845, 10000, 10000, 10000  
Sous 2845, 10000, 10000, 10000  
Sous 2845, 10000, 10000, 10000  
Sous 2845, 10000, 10000, 10000

## Alstom (France)

Pioneering provider of advanced hydroelectric technology worldwide.

# References



**Steel Industry**



**Refinery Industry**



**Water & Wastewater Industry**



**Aluminum Industry**



**Electric Power Industry**



**Power Plant Industry**



**Petrochemical Industry**



**Road Construction Industry**



**Automotive Industry**



**Dam Construction Industry**

## Procurement Fabrication Installation

Carbon Steel Chimney (Stainless Steel Accessories) / 20-Ton, 17 Meters



Largest Alloy Steel Plant in the Middle East



Steel Industry

## Procurement Fabrication Installation

Ejector Structure for Steel Plant / 95-Ton, 45-Meter-High, 6.5-Meter-Diameter



Steel Industry

# Procurement Fabrication Installation

Steel Concentrate Plant / 250 K Ton / Silos, Piperack & Safety Accessories



Steel Industry

# Procurement Fabrication

## Steel Structures - Heat Recovery Boilers



Steel Industry

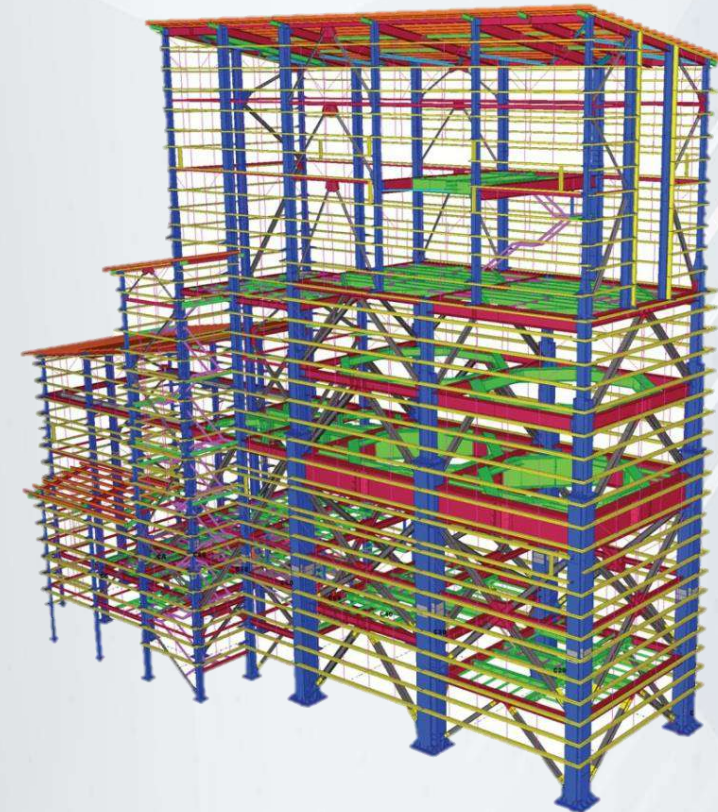


**Procurement   Fabrication   Transportation   Installation**

**Steel Framework - Main Wire Rolling Hall**



Steel Industry



**Design   Fabrication   Installation**

**Screening and Mixing Structures / 440 & 1,430 Tons - Pelletizing Plant**



Steel Industry



Design Fabrication

Steel Structures / 6,700 Tons - Pipe Racks, Shelters & Equipment Supports ( Gas Field)



Refinery Industry

Procurement Fabrication



Pipe racks / 30-Meter-Long (Width 5m, Height 12.8m)



Refinery Industry



## Fabrication

Storage Tanks ( $\varnothing 3.3\text{m} \times \text{H} 8.4\text{m}$ ) + Hydrostatic Testing  
Refinery Water Treatment Unit



Refinery Industry

## Design & Fabrication

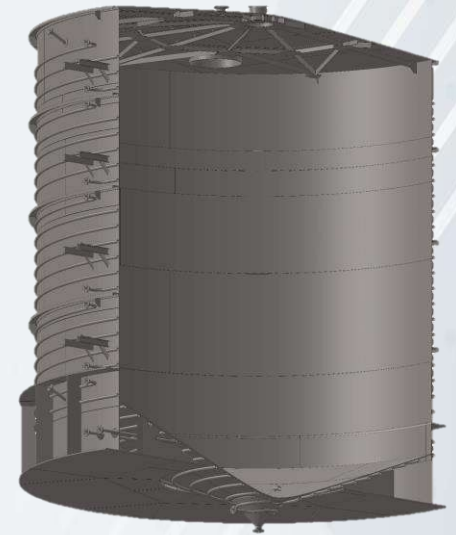
### 210 Emergency Steel Water Tanks Rapid-Response Infrastructure for Post-Earthquake Resilience



# Procurement Fabrication Installation

Storage Tank (Ø10m) - Liquid Binder Pitch

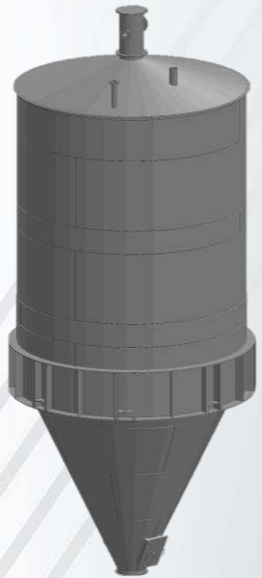
Engineered for Thermal Sensitivity and Material Safety



## Fabrication Installation

Silos / 12 m height, 5 m  $\varnothing$  - Alumina Powder

Safe & Efficient Fine Material Handling





**Design   Fabrication**

**44 Heavy-Duty Storage Tanks - Operating Alumina**



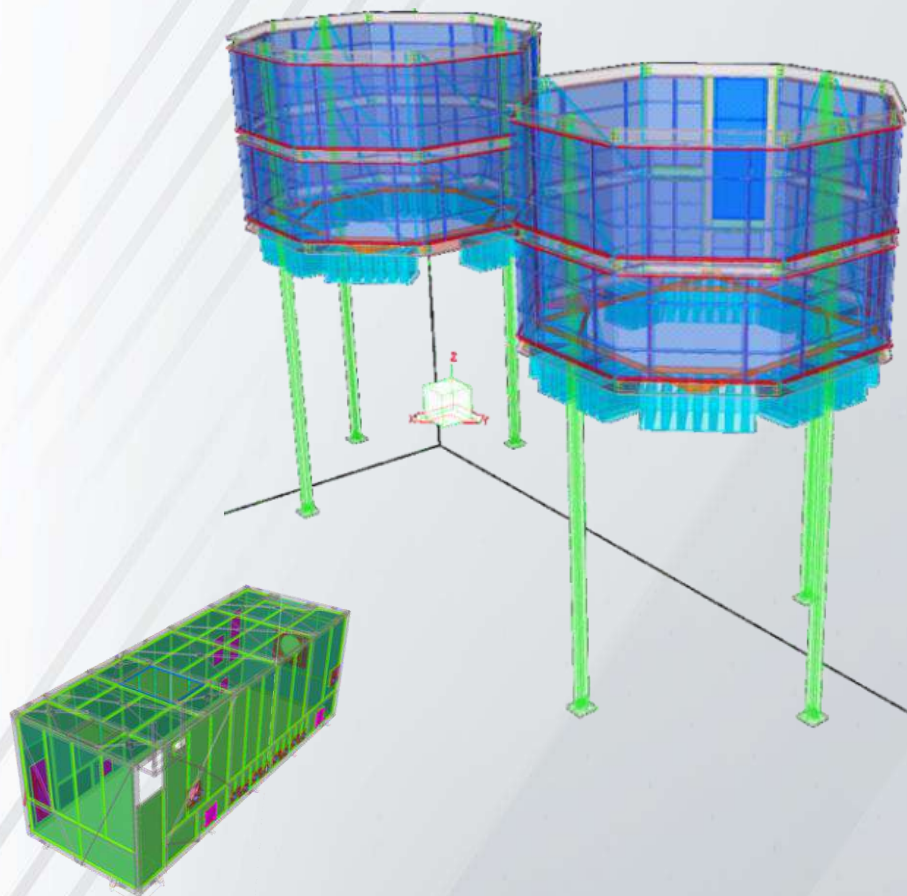


## Design Fabrication Installation

Collector & Nozzles - Pelton Turbine in Hydropower Plant  
Precision Alignment Tolerance for Water Jet Outlet



Electric Power  
Industry

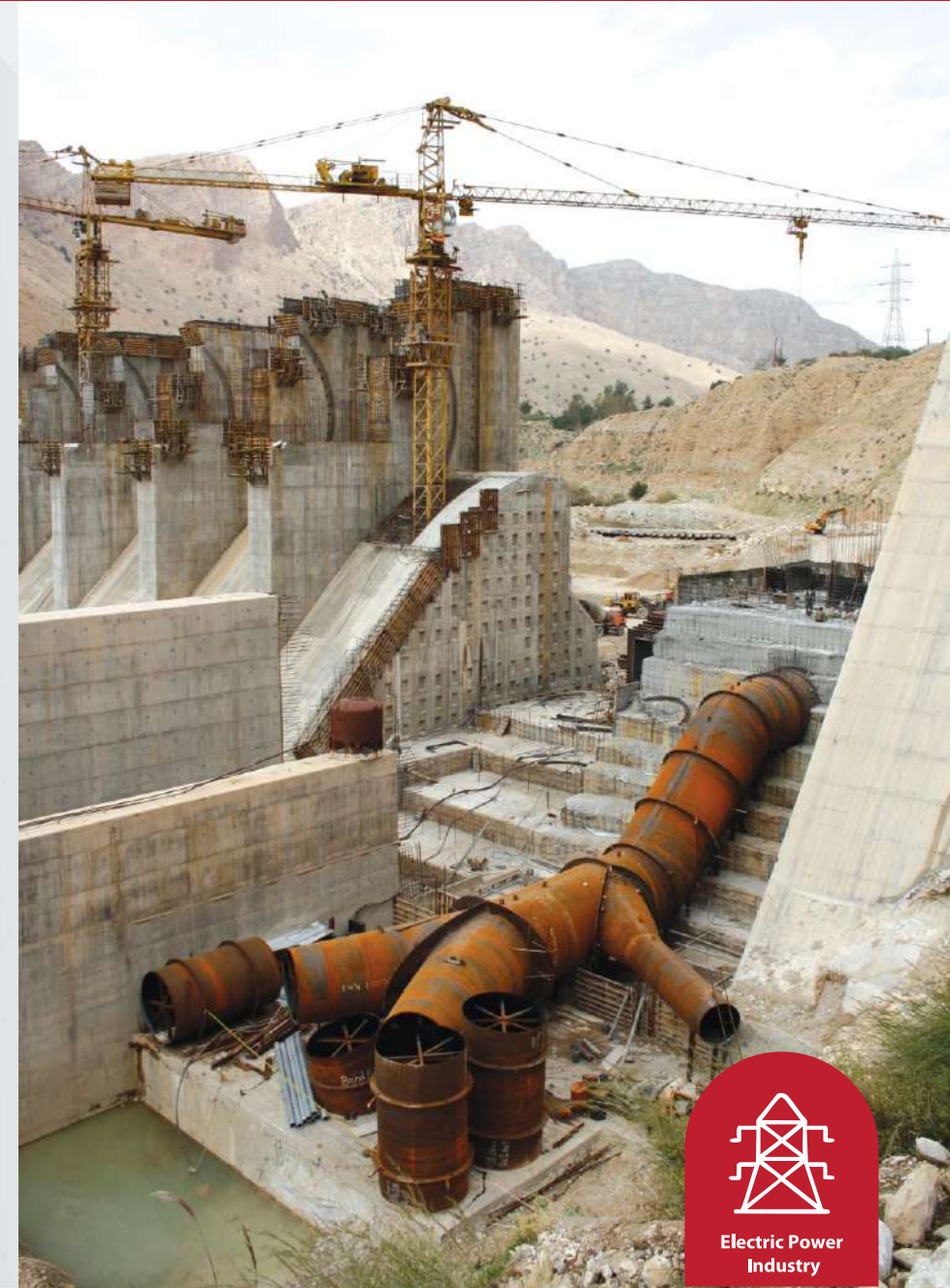


**Design   Fabrication   Installation**

**Noise Protection Components & Enclosures - Thermal Power Plant**

## Procurement Fabrication

Large-Diameter Ducts + Hot Air & Steam Transmission Lines



## Design Fabrication

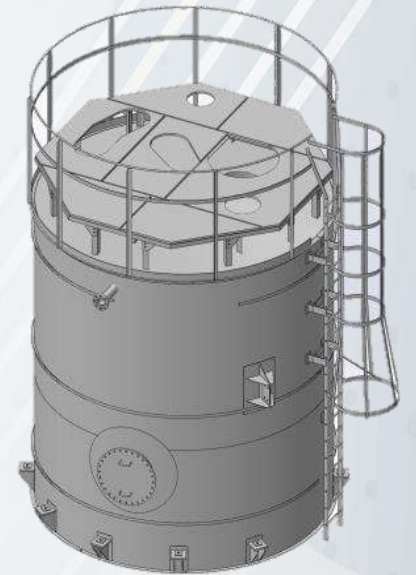
### Surge Tank / 3,000 Tons - Desalination System in Gas Field Industry



Power Plant  
Industry

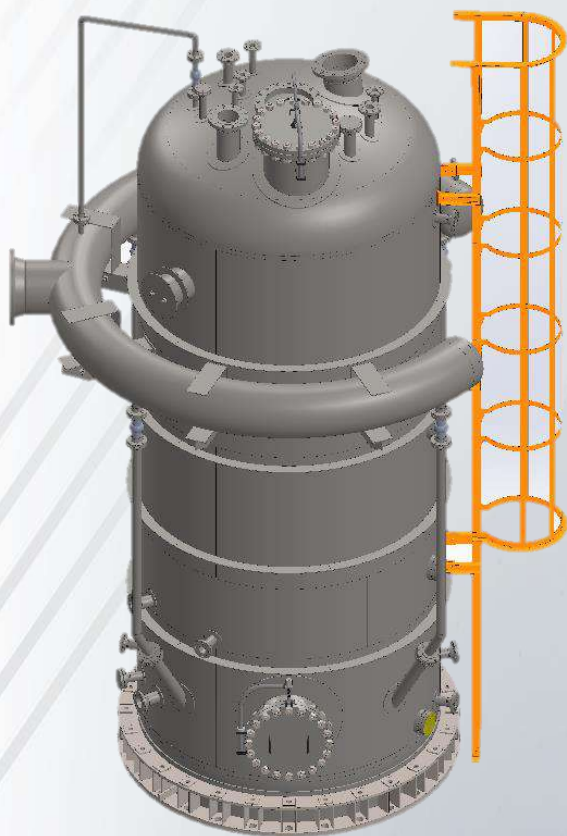
# Procurement Fabrication Transportation

## Sulfuric Acid Storage Tanks / 55m<sup>3</sup> - Gas Field

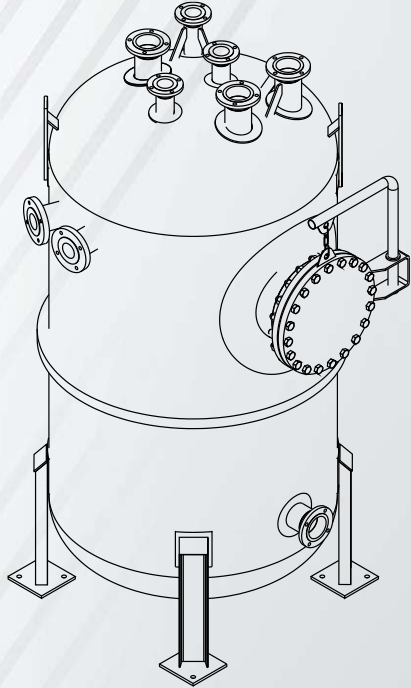


# Design Fabrication

Pressure Vessels ( 17 sets) & Drums (24 sets)



Petrochemical  
Industry



**Procurement   Fabrication   Transportation**

**Storage and Filter Tanks (2–5m Ø) - Water Treatment Processes in Petrochemical Plant**

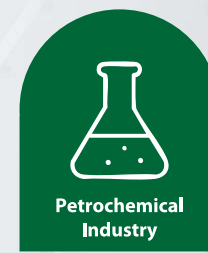
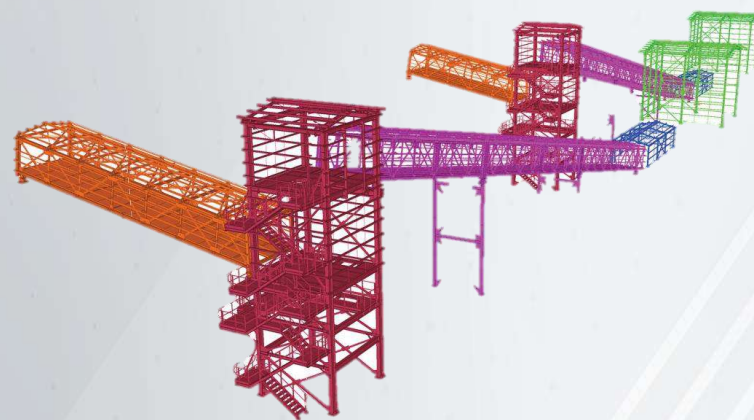


Petrochemical  
Industry



**Design    Fabrication**

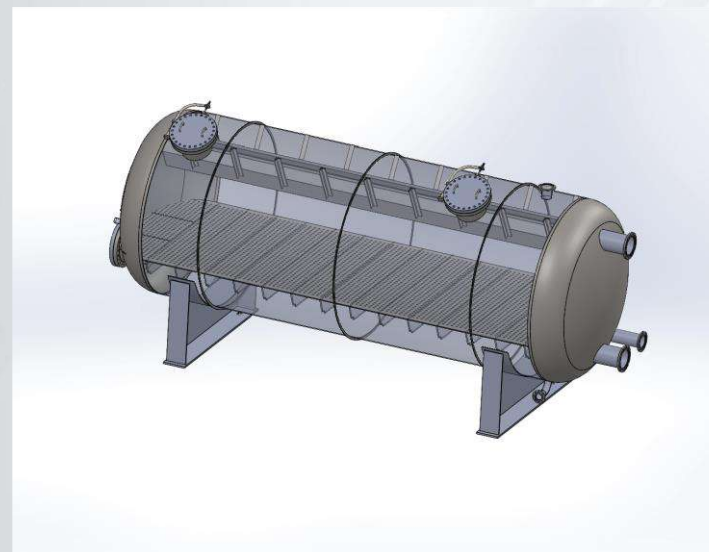
**SULFUR Conveyor Steel Structure**





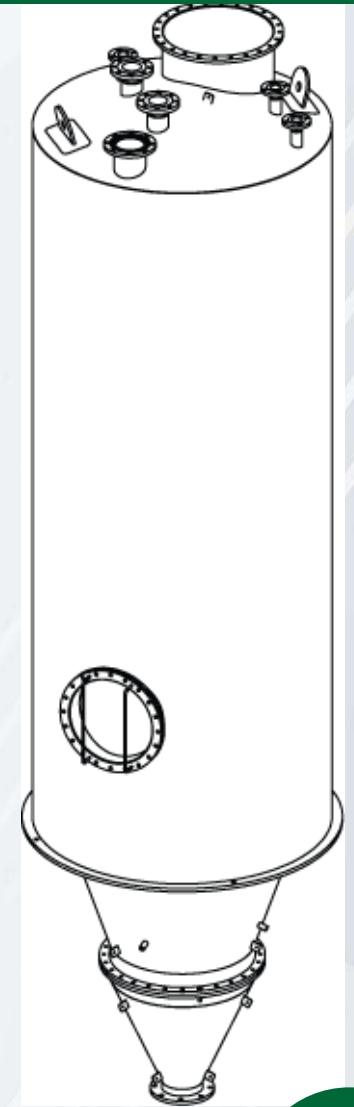
**Procurement   Fabrication   Transportation**

**Industrial Sand Filtration Tanks**  
**Water Treatment in Petrochemical Plant**



Procurement Fabrication Installation

Petrochemical Plant Silo



Petrochemical  
Industry

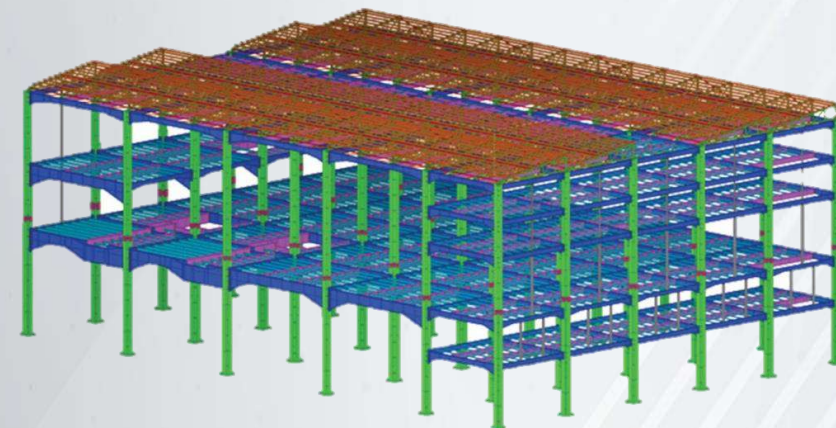
# Design   Fabrication   Installation

## Twin Arch Steel Bridge - Precision Segmental Assembly & Heavy Lifting Installation



## Design   Fabrication   Installation

Multi-Story Industrial Hall (Long Spans) / 34m Height  
& Over 2,800 Tons of Structural Steel



Automotive  
Industry

# Installation

## Heavy-Duty Concrete Transfer System In Challenging Mountainous Terrain



Dam Construction  
Industry

**Design   Fabrication**

**Hydromechanical Equipment - Dam Intake Tower**



**Dam Construction  
Industry**

# Design Fabrication Installation

Large-Scale 3-Branch Water Flow /  $3.8 \times 6.6$  m - Dam Hydropower System



# Design   Fabrication   Installation

## Energy Dissipation Structure for High-Pressure Outflow - Dam Site



# Design   Fabrication   Installation

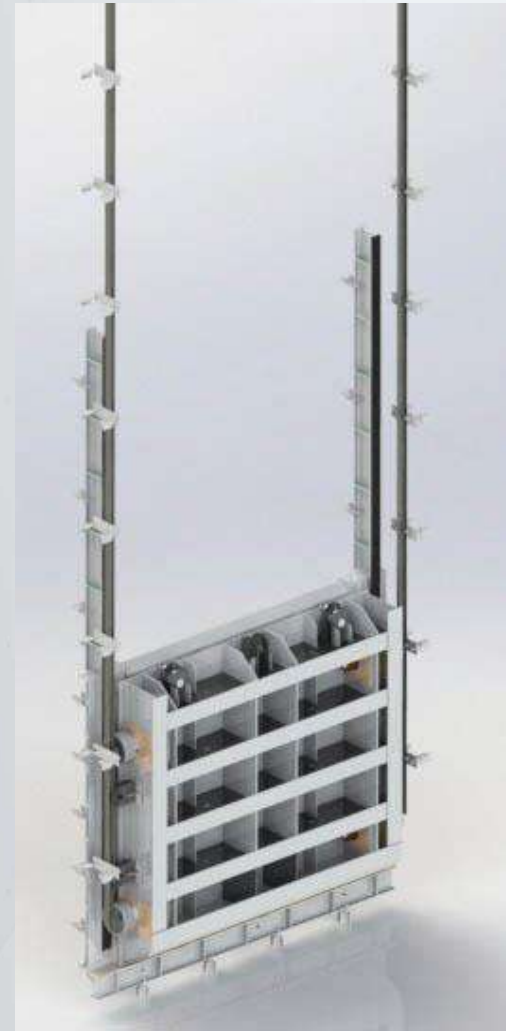
Specialized Hydraulic Components + Gates



Dam Construction  
Industry

# Design Fabrication Installation

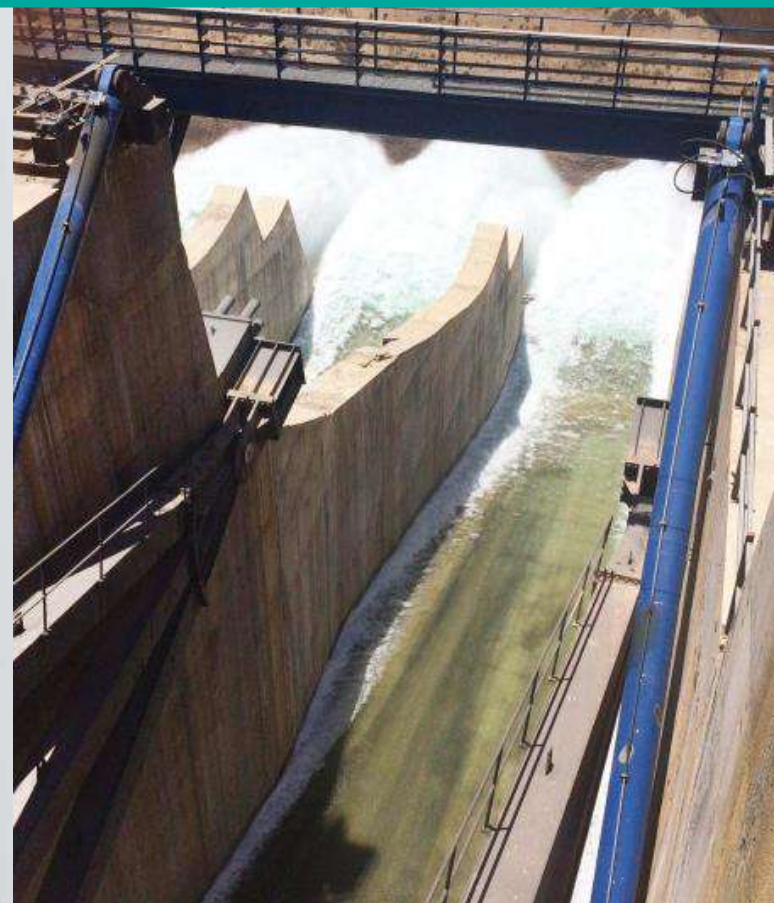
## Hydromechanical Equipment / Gates, Hydraulic Cylinder





**Design   Fabrication   Installation**

**The Tallest and Largest Vertical Shaft in the Middle East / 475m Height**



## Design   Fabrication   Installation

Hydromechanical dam components  
spillway radial gates, powerhouse intake gates, hydraulic  
cylinders, wheel gates, spillway stoplogs





## Overhaul    Reconstruction

Complex Service & Emergency Dam Gates / 100m Head



Dam Construction  
Industry

# THANK YOU

If you wish make contact with, or find out about  
our Services, please contact the following:

[Info@gsupplysolution.com](mailto:Info@gsupplysolution.com)



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GULF SUPPLY SOLUTION

Engineering | Supply | Fabrication

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