

# Rasa Petrochemical Technology



## **WHO WE ARE**

**Rasa PetroTech**; dynamic, young and agile, relying on expert employees, technical-engineering knowledge with companies abroad in UK, China, Hong Kong, Turkey and UAE, is able to obtain relevant licenses from European and Asian countries, supply essential and basic goods of industries as well as comprehensive support of supply chain and after-sales services.



### **\* Vision**

As a successful Commercial & Engineering Group, **Rasa PetroTech** keeps striving to launch and supply technical services, essential and basic goods of Oil, Gas and Petrochemical industries as well as comprehensive support of supply chain and after-sales services. Professionalism and experience are the qualities have always been guiding us to prosperity.



### **\* Mission**

To be a pioneer company to offer License, Engineering, Procurement & Management services in Oil, Gas and Petrochemical. Proposing novel and integrated solutions, packages and products designed on the basis of the customers' specific requirements, enhancing efficiency and global [sustainability](#).



## WHAT WE BELIEVE



### **Integrity**

**“We act fairly, ethically and openly in all we do”**



### **Client-Centric**

**“We put our clients at the center of what we do”**



### **Professionalism**

**“Acting above and beyond our code of practice”**



### **Quality**

**“Persistently striving towards high standards”**





## WHAT WE DO

### ENGINEERING & DESIGN

Relying on its extensive experience in the field of Engineering & Design, Engineering Unit of **Rasa PetroTech** Co. is able to examine all aspects of the project from theoretical and practical point of view.

Rasa PetroTech Co. with its extensive knowledge in unit operations can partner with technical know-how suppliers to ensure that the customer receives maximum benefits. The successful completion of designs and specifications for multi-disciplinary projects is achieved by the availability of a full spectrum of engineering and design services.

All designers and engineers are selected on the basis of industry-specific experience and know-how.

**Rasa PetroTech** continuously strives to timeously deliver the most cost-effective designs early in a project to minimize costly changes and additions during later phases.

Although different approaches to the conceptual design of a project can prove critical to its overall success or failure, **Rasa PetroTech's** multi-disciplinary engineers come from a variety of backgrounds, many of them having worked directly for operating companies.

This gives a broad understanding of operational constraints which may exist both in project design and implementation, so allows the formulation of appropriate strategies to meet key objectives.

**Rasa PetroTech** is able to address constructability issues at almost preliminary stages, in some instances identifying parallel activities and provide early project completion while maintaining quality and shortening return on investment period.

**Rasa PetroTech** has a structure built on the foundation of quality engineering and management procedures, headed by experienced chartered engineers.

### **Engineering**

- Technical-economic studies and feasibility studies of projects
- Conceptual engineering studies
- Basic engineering
- Detailed engineering

### **Purchasing Engineering**

- Purchasing engineering
- Purchase and construction inspection

### **Workshop Engineering Services**

- Workshop Engineering
- Project Management & Project Control
- Supervision of executive operations
- Technical Office
- QA & QC Managements
- HS&E Managements



## **Rasa PetroTech Description of Activities:**

### **Technical-Economic Studies, Conceptual Engineering Studies**

Examining the existing processes according to the quality and quantity of the product, efficiency, execution time, expenses, degree of automation and management method

Carrying out technical-economic studies of various processes

Examining the available facilities, including utilities and other needs of the project

Investigating the environmental effects of the project

Presenting the proposed technology report, basic flow diagrams and mass and energy balance tables

Carrying out conceptual design in various engineering units and safety-operational needs of the project

### **Basic engineering**

PFD drawings and process descriptions, mass and energy balance tables, lists and specifications of major equipment

UFD and P&ID drawings

Process safety studies

Classification of the degree of danger of the premises

Specifications and technical data of mechanical, electrical equipment and precision instruments

Placement of the unit

Design and operational specifications of pipes

List and design specification of insulation of pipes and equipment

Drawings, documents and basic information of civil, structure and architecture, electricity and precision instruments

Specific technical specifications of mechanical, electrical and precision instruments

Standard drawings of different units

**Detailed design and engineering services in the following sections**

- Process
- Mechanical and HVAC
- Industrial plumbing
- Civil, structure, architecture
- Electricity and precision instruments
- HSE safety
- Material and Corrosion
- Telecommunications
- Project planning and control



## **PROCUREMENT**

Procurement Unit of **Rasa PetroTech** works in order to achieve the company's goals as follows:

1- Centralizing all commercial activities of the organization in such a way that communication between clients of the organization takes place in a specific framework and through a single communication channel.

2- Satisfying clients and other stakeholders of the organization as much as possible by shortening the communication path with them.

This unit offers its activities to internal and external clients through the following sections:

Domestic and foreign business activities and service development are concentrated in this unit.

Conducting tenders, preparing technical and commercial proposals, financial estimation and concluding contracts are the main duties of this unit.

Measuring level of the clients' satisfaction is one of the duties of this unit. In this regard, in order to know the state of satisfaction of clients, to resolve dissatisfactions and to deal with reported claims, the feedback of their opinions is used to improve the performance of various units of the organization.

The main goal of the procurement unit is to provide timely and quality goods, equipment and services for various projects of the organization and directly for clients.

Relying on the experiences gained over the years of effective communication with clients and in cooperation with domestic and foreign companies and using the facilities available in offices abroad, as well as having sufficient knowledge in the field of understanding domestic and foreign markets, the procurement unit of **Rasa PetroTech** has the ability to provide all items and equipment related to oil, gas and petrochemical industries.



## **PROCUREMENT**

In addition to providing goods and equipment, the procurement unit has the ability to manage procurement of projects in a comprehensive and integrated manner as follows:

- Order planning
- Technical and commercial evaluation of goods manufacturers/suppliers
- Estimation and control of consumables
- Preparation of purchase requests
- Technical and commercial review of the proposals of goods manufacturers/suppliers
- Preparation of purchase orders
- Tracking orders
- Inspection management
- Management of insurance, transportation, customs and clearance



### **CONSTRUCTION**

**Rasa PetroTech** cooperating with its allies companies are well equipped and have an extensive knowledge and experiences of A to Z construction, development and execution of oil, gas, petrochemical plants and other industrial projects.

### **MANAGEMENT**

**Rasa PetroTech** is committed to ensuring that all engineering, procurement, construction, installation and commissioning deliverables are submitted on time with the correct quality standards and within budget. This can only be achieved when all parties collaborate towards a common goal, problems are addressed and solved expediently and strict budget control measures are applied.

Rasa Petro Tech believes that proper project management needs to be done on all projects and projects deliverables, regardless of size and scope of the project.

**Rasa PetroTech** subscribes to the belief that in order to be successful, you need to know exactly what has been done and what remains to be done.

**Rasa PetroTech** through Project Management Office (**PMO**) defines and maintains standards of project management.

- Project Charter
- Progress Reports
- Time Management
- Cost Management
- Quality Management
- Resource Management
- Communication Management
- Risk Management
- Project Integration
- Document Control



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