

# EPM

ENGINEERING & PROJECT MANAGEMENT



**GATEWAY**



**SOLUTION PROVIDERS TO AN ENERGIZED WORLD**

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

## About Gateway

Gateway's Engineering and Project Management (EPM) was established to cater to our client's need for quality design, engineering, project management, procurement, fabrication and supply solutions in the face of dynamic growth in the Oil & Gas, Petrochemicals and Minerals Processing Industries, with our extensive experience in Central Asia and the Middle East. Gateway's EPM is well-placed to adapt innovative technologies that frequently exceed industry benchmarks and offer turnkey solutions

EPM division is a team of experienced staffed with an experienced team of design engineers who are qualified in various domains. Our integrated services extend to design, engineering, procurement services and fabrication works for executing Engineering, Procurement, Installation & Commissioning (EPIC) projects.

EPM's main priority is to establish a reputation for delivering high quality, technically advanced systems, solutions and equipment to our clients, that is timely and cost effective.

Gateway has an unblemished track record in providing quality turnkey solutions for the Oil & Gas process industry.

## Mission Statement

Gateway aims to be a world leader in providing clients with world class services anywhere and anytime. We are committed to:

- Ensure a value based perspective
- Promote personal development
- Consistently provide high quality services that are client-centric
- Utilize and develop technology that meet our customers' needs
- Offer unique international manufacturing capabilities
- Be recognised as a global leader



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## Design Engineering & Project Management Services Include :

- Feasibility studies, Front End Engineering & Design Services (FEED)
- Basic & Detailed Design Engineering for refinery, processing facility
- Project Planning and Control
- Process Engineering
- Civil Engineering
- Mechanical Engineering
  - ⇒ Piping
  - ⇒ Static Equipment
  - ⇒ Rotating Equipment
  - ⇒ Material Engineering Services
- Electrical & Instrumentation Engineering
- Construction Management
- Turnkey Projects services
- Pre-commissioning & Commissioning services
- Provision of specialized manpower Engineering, Procurement, Installation and commissioning ( EPIC)of Electrical, Instrumentation and control Systems.



## Our In-house Capabilities Include

- Hazop, Hazid and Risk Assessment
- Design, fabrication & supply of skid packages
- Piping layout & 3D Modeling
- Structural design & analysis in X-Tool
- Stress Analysis – Piping
- Pressure Vessel & Heat Exchanger Analysis
- Surge Analysis
- Define Springs for pipes
- Control system programming for PLC/SCADA system



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## Design and Supply

We design manufacture and service the following :

- Chemical injection systems
- Well head control systems
- Sample Systems



## Software Resources

- AUTOCAD 2010
- PRIMEVERA P6
- PDMS
- CAESAR - II
- PV ELITE
- STAAD PRO
- ACCESSABILITY TO OTHER TECHNOLOGY-RELATED SOFTWARES ON HIRE & LEASE BASIS



## Other Project Services Include

- Cost Estimation
- Procurement and Supply
- Supervision of Engineering and procurement activities
- Inspection at Vendors Workshops and at Construction Sites
- Construction Supervision
- Assistance with Start-up and Initial Operations



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## Fabrication & Supply

Gateway's heavy investment in our fabrication capabilities provide solutions for manufacturing and supply of various process equipment. Our self-contained, American Society of Mechanical Engineers (A.S.M.E) certified facility (U, U2, S, R & PP Stamps) is located in Aktau, a port city of Kazakhstan. Apart from Gateway's own facility and depending upon the client's project schedule, we also have the capacity to supply process vessels, skid packages, high pressure piping, storage tanks and structural from established manufacturers in Europe, India, UAE and USA.

## Product & Services

Our engagement with our clients covers a wide range of manufacturing that includes:

- Design
- Engineering
- Fabrication & supply of the following:
  - ⇒ Pressure vessels
  - ⇒ Pig Launchers/Receivers
  - ⇒ Reactors
  - ⇒ Shell and Tube exchangers
  - ⇒ Air cooled Heat exchanger packages
  - ⇒ Waste heat boilers
  - ⇒ Tanks and bullets
  - ⇒ Columns/Absorbers/Contactors
  - ⇒ Slug Catchers
  - ⇒ Degassing Boots
  - ⇒ Separators, Scrubbers
  - ⇒ Piping and Pipe racks
  - ⇒ Structural
  - ⇒ Process Skid Modules
  - ⇒ Fuel Gas Systems
  - ⇒ Heater Treaters
  - ⇒ Direct/Indirect Fired Heaters
  - ⇒ Filtration Systems
  - ⇒ Flare Systems



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## Project Procurement

With EPM's extensive experience and well established resources and infrastructure, we provide a cost effective solutions to our clients that meet project requirements in terms of technical specifications, standards and delivery schedules. Goteway's stock points in Central Asia and the Middle East along with in-house logistic support provide instant delivery solutions to our customers for project materials including but not limited to:

- Steel plates, Profile
- Pipes (Line pipes to Seamless and LSAW, HSAW & ERW), Pipe fittings (Butt weld Fittings and Forged Fittings) , Flanges etc. to material specification CS, LTCS, SS, Duplex, Inconel, Monel, copper nickel etc.
- All type of Valves Ball, Gate, Globe, Check, Butter Fly and safety relief valves etc both manually and electrically operated. Control valves & Actuated valves.
- PLC/DCS/F & G/SCADA/BMS Systems
- F & G Detection and suppression System
- MV/LV Power and Distribution Systems – MCC/PCC
- High Integrity Pressure Protection System (HIPPS)
- Emergency Power and UPS systems.
- Emergency Communication systems (SATCOM, VSAT, PAGA, CCTV, RADIOS)
- Loading arms and metering skids
- Pipe line pigging equipment
- Offshore and marine items like Fenders, casing and tubing etc.
- Transformers, Electrical Power & Instrumentation Cables, E&I Bulk Materials



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## Quality Standards

EPM strictly adheres to all relevant national and international standards such as ASME/ANSI, BS, DIN, EUROPEAN and RUSSIAN (GOST).



## Fields Served

We actively support customers in different fields including:

- Refinery
- Onshore and Offshore
- Power
- Offsite & Utilities
- Gas Gathering Stations
- Natural Gas Processing
- Cross Country Pipeline
- Effluent Treatment Plant
- Fire Fighting Systems



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## Contact us

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