

The Engineering Company of Choice



Simon Engineering & Partners LLC

INTRODUCTION

M/s Simon Engineering and Partners LLC (SEP) is a process oriented design and engineering company established in the Sultanate of Oman as a joint venture between Simon India Limited of Delhi, India and HMR Environmental Engineering Consultants of Muscat, Oman to provide specialized design and detailed engineering services to the process industry.

BUSINESS FOCUS

The focus of SEP is to provide value added design and engineering services to the following sectors of industry in Oman and GCC countries

- Oil & Gas pipelines & Facilities
- Refinery & Petrochemical Plant
- Downstream process industry
- Fertilisers & Polymer plants
- Inorganic Chemicals – Chlor Alkali plants, Sulphuric Acid Plants etc
- Speciality Chemicals, & other sectors.

DESIGN & ENGINEERING SERVICES

SEP's range of services cover all the stages of a project right from concept to commissioning. Customized services based on project specific needs and requirements cover all engineering disciplines.

The range of services offered is broadly divided into following categories

- Design & Engineering
- Specialised Services
- Project Services
- Construction / Site services

SYSTEM DESIGNS

- Material-handling Loading / unloading & Storage facilities
- Fuel handling and feed distribution systems
- Cross country pipelines & transmission facilities incl Oil and Gas Compressor stations, PRT's, Booster pumping stations, etc
- Reaction Vessels and condenser systems, Distillation and absorption
- Energy recovery systems
- Utility packages (Steam generation and distribution, cooling water, DM Water, Instrument air, N2 etc.)
- Effluent treatment plants



PIPELINE ENGINEERING CAPABILITIES

These range from concept and project development planning, project management, specialist engineering services and detailed engineering services for construction of pipelines, flow lines, trunk lines & piping design for oil and gas facilities such as gas gathering station hookups, off plot and on plot facilities engineering for well hookups for producer wells, disposal wells, water production wells etc. The projects, apart from oil & gas lines include transfer of utilities such as raw water, cooling water, sea water, effluents, steam, demineralised water etc across the facilities.

The SEP Group also includes specialized process and instrumentation team from Simon India Limited in Delhi who have handled cross country pipelines, petroleum storage and transfer facilities, utility pipelines, gas processing facilities design and other related design and engineering assignments.

SERVICE DOMAIN FOR SEP

ENGINEERING

- Process Design
- Basic Package Preparation
- Safety Studies / HAZOPS
- Detailed Engineering of all Disciplines.
- Equipment Designs (vessels
- Tanks Heat Exchangers, Columns)
- Package Units
- Electrical & Instrumentation
- Heating Ventilation & Air Conditioning
- Utility Systems
- Offsites and infrastructure facilities

SPECIALIZED SERVICES

- Techno Economic Feasibility Studies
- Project Identification
- Process Selection
- Authority Engineering
- Debottlenecking Studies

PROJECT

- Project Management Services
- Procurement Services
- Inspection & Expediting
- Supply
- Planning & Scheduling
- Documentation
- Materials Management
- Resource Management

CONSTRUCTION

- Soil Survey
- Pipeline route survey
- Hydrological Studies
- Contour survey
- Construction Supervision
- Construction Management
- Quantity Surveying
- Commissioning
- Startup Assistance
- Quality Control



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