



Mokul Infrastructure Pvt. Ltd.

An Edge Above The Best





Note From Chairman

The winds of change are blowing across the world. The economic depression of 2008 has given way to the hopes of better living for people of all countries.

Spurred on by political developments such as the Arab Spring, people's aspirations and expectations have risen. In the semi- developed and poorest of countries, people today expect a better quality of life and the improved infrastructure that defines modern living.

Mokul is playing its part in helping countries build modern infrastructure in the sectors of Water, Power, Municipal Utilities, Buildings, Roads, Railways, Healthcare and Sports facilities.

With entrepreneurial zeal, it has taken the lead in taking up infrastructure building projects in areas where such infrastructure is lacking due to civil strife/wars or the lack of interest of repressive Governments in the past.

To bring world class technologies and the best practices to building infrastructure to the highest International standards, Mokul has partnered with leaders in the respective fields to support and enhance its own in-house expertise and capabilities.

Being based in India and having been a part of the Indian growth story of the past few decades, Mokul has the experience and sensitivity to tailor solutions to the unique needs and conditions existing beyond the Western Hemisphere.

The Mokul team is lead by senior and reputed professionals with vast experience in each sector and considerable exposure across many countries. This ensures a deep understanding of the requirements, particularly in the developing and lesser developed countries, and the designing of solutions appropriate to the local conditions.

Mokul, my colleagues and I are committed to providing our customers with the best and most appropriate infrastructure facilities that can be built today for a better tomorrow.

M S Sahni – Chairman
Mokul Group of Companies, India



Company Profile

The history of Mokul goes back as far as four decades. when it started as a small company dealing in Infrastructure and trading activities and other wide range of services for domestic and international principals.

Mokul provides engineering and construction solutions to the Oil and Gas Industry, Power sector, Civil Construction, Water and Sewerage, Municipal Utilities and other Civil Infrastructure. The Mokul Group philosophy is to provide the best available solution to the needs of its customers and to that end, it forges strategic partnerships with the leaders in the respective fields. Mokul infrastructure ISO 9001, ISO 14001, ISO 18001 and ISO 20001 certified company.

Mokul believes in growth through partnership. This is reflected in the number of Joint Ventures that have been forged with some of the world's premier enterprises in the areas of expertise. Together, these JVs from the foundation to propel Mokul to be one of India's larger turnkey engineering service provider.

Mokul's involvement extends to high tech areas of international trading, construction & consultancy services in the following core areas:

- **Civil Infrastructure**
- **Sewage & Water Treatment**
- **Power Sector**
- **Oil & Gas Sector**
- **Information Technology**
- **Telecom**
- **Electrical Equipment**
- **Home Appliances**
- **Agro Products**
- **Agriculture**
- **Railways**
- **Healthcare**



CIVIL INFRASTRUCTURE

Mokul is a leading general contracting and engineering firm, offering a banquet of build solutions for a broad spectrum of construction and engineering projects.

Mokul is associated with construction of bridges, roads, stadiums, port structures and hydro projects. The company has to its credit, a well rounded portfolio of commercial as well as residential projects and is well established.

We employ state-of-the-art technology and innovation in each of our projects to make it at par with global standards.

SERVICES:

Commercial & Residential projects

- Our projects include planning & construction of Institutions, Hospitals, Malls and low cost housing & residential projects. Each project is undertaken with precision and state-of-the-art technology. As commercial projects are extremely complex, we provide reliability and high skill set with quality assurance at all stages.

Building works

- Undertaking Civil engineering projects.

Dams & Irrigation Structure

- Constructions of Dams and Water management projects.

Electricity

- Power Generation, Electrification and ancillary projects.

Roads & bridges

- **Mokul** with its associates provide comprehensive road transport consultancy services covering all aspects of conceptual and detailed design, construction, supervision, operation and maintenance of highways, expressways, feeder/rural roads, bridges/viaducts and tunnels, maintenance planning / management of road network, strategic planning for improvement / upgrading of road systems.

Surveys & Geo Technical Investigation

Hospitals

Stadiums

Water Pipelines

Seawall Protection & Onshore Structures



WATER AND SEWAGE

Mokul offers complete solutions in the following areas pertaining to water engineering:

- Sewage Treatment Plants (STP)
- Sewerage and Storm Water Networks
- Common Effluent Treatment Plants (CEPT)
- Water Treatment Plants
- Water Supply Networks
- Irrigation Engineering & Hydrological Studies
- Waste Water Treatment Plants
- Desalination & Drainage including Pumping Station



Our services include concept to commissioning of turnkey plants, design and engineering packages, upgradation of existing plants, trouble shooting etc. We have worked along with our Associates in various industries.

We handle a wide variety of Water Treatment applications including Water Softening Plants, Demineralised Water Plants, Reverse Osmosis Plants, Mineral Water Plants etc. The Effluent Treatment applications we have deal with include complete plants with Primary, Secondary and Tertiary treatments, Chlorination / Ozonation units for disinfection etc.

We along with our Associates have state of the art technology, modern manufacturing facilities, a wide sales network and highly trained and skilled personnel which all put together have given us an edge over others.

Thus relying on the infrastructure, excellent personnel and our endeavour to offer best services to our clients, we can proudly say that we offer complete solutions to water and effluent treatment needs of the industry at large.



POWER AND TRANSMISSION

Mokul offers services in the following areas of the Power Sector.

Power Stations :

- Engineering & Project Management Consultancy services including preparation of feasibility/ detailed project reports.
- Setting up of Coal, Oil/ Gas based power stations.
- Construction of Hydroelectric Power Station.
- Setting up of Solar & Wind Power Plants.
- Renovation and modernization of the existing power stations.



Transmission Systems & Sub Stations :

- Consultancy services for HV & EHV transmission system.
- Preliminary & Detailed route survey of transmission lines.
- Construction of transmission lines of all voltage class up to EHV level on turnkey basis.
- Supply of all equipment for transmission lines up to EHV level.
- Supply and laying of Optical Fiber Cables.
- Supply, construction, installation and commissioning of substations on turnkey basis.



OIL AND GAS

Mokul offers consultancy services for comprehensive and optimal solutions in Oil & Gas Projects, related fields including strategic tie-ups for Refinery , Oil / Gas Pipeline Laying, Cathodic Protection and export of drilling rigs and other equipment in association with oil and gas companies.

Drilling, Wells Work-over Services :

- Onshore Drilling Rigs, Swamp Drilling Rigs, Petroleum engineering & consultancy services.
- Drilling Mud Chemicals, Muds Logging & Mud Logging Services.
- Casing & High Pressure Pumping Tubing Services Tool & Cased- Hole Electrical Logging.
- Directional Drilling & Survey as well as Drilling & Work Over operations.
- Surface & Bottom Hole Sampling & Tubing Conveyed Perforation (TCP).

Business Opportunities :

- Facilities maintenance.
- Environmental management.
- Surveying & geological services.
- Crude oil transportation & storage.
- Seismic data acquisition /interpretation.
- Raw water/Sewage/oily water treatment plants and municipal Pipeline network etc.

Supplies & Services

Static Equipment

- Towers & internals.
- Reactors.
- Drums(Pressure Vessels).
- Pressure Vessels Carbon Steel.
- Demister.
- Ejector.

Heat Transfer Equipment

- Shell & Tube Heat Exchangers.
- Air Cooled Heat Exchangers.
- Package Refrigerator.
- Incinerator.



Restoration and Construction of :

- Refineries.
- Oil fields/ Pipeline laying/ revamping hydrocarbon pipelines after health check, Cathodic Protection of pipelines, plant piping and bottom of storage tanks.
- Fertilizer Plants.

Rotary Equipment

- Centrifugal Pumps- Process Horizontal/ Vertical (special Purpose Process).
- Centrifugal pumps - General service horizontal.
- Centrifugal pumps - large cap.(water), Vertical and Horizontal.
- Centrifugal Pumps- Firefighting.
- Centrifugal Compressors.
- Reciprocating Compressors.

Supplies

- Supply of Various Equipment and machinery.
- Supply of various chemicals & catalyst and medical equipments.
- Supply of Pipes conforming to API 5L Grade A/B, CS Plates.



RAILWAYS

Mokul along with its Associates has diversified into railways mainly for following activities.

RAILWAY INFRASTRUCTURE

Following are the sub activities :

Civil Works

- Participating in the tenders for turn key projects and executing the same.
- Turn key jobs encompassing Track constructions, Bridges and Tunnel, signaling works as well as communication facilities.
- Electrical Works (for electrified portion of track) and all electrical works, including construction of Power Sub Stations, Laying of OHE Lines etc.



SUPPLY CHAIN MANAGEMENT

It comprises broadly the following items:

• CIVIL ENGINEERING ITEMS :

Rails, Sleepers (Steel/Pre Stressed Concrete), Turn outs, Switches, Points & Crossings & Track renewal machines, etc.

• SIGNALLING ITEMS :

All signalling equipments, Optical fibre cables, Relays, Jelly filled/Quad cables & Unscreened signaling cables etc.



• ELECTRICAL ITEMS :

Power transformers, Copper conductor, Catenary wire, Train lighting batteries, General purpose items & Fittings etc.

• ROLLING STOCK ITEMS :

Wagons, Wheels, Tyres, & Axles required for different types of Rolling stocks & Brake blocks etc.

INFORMATION TECHNOLOGY

Mokul has capability of rendering services covering the following :

- **Feasibility Studies for Computerisation.**
- **Development of IT Systems covering:**
 - System Study and Analysis.
 - System Design.
 - Development of Prototype.
 - Software Development using Java and . Net technologies.
 - Installation and Implementation.
 - Documentation and Trainings.
- **ERP Solutions and Trainings.**
- **Development of IT plans.**
- **Networking and Hardware Sizing.**
- **Development of e-governance systems:**
 - Sales Tax Systems.
 - Human Resource Management Information Systems.
 - Financial Management Information Systems etc.
- **Development of Portals:**
 - Obtaining sanctions by various users from remote areas.
- **RFID (Smart Card) based Solutions:**
 - To use specialised medical facilities.
 - Attendance Systems etc.
- **IT trainings covering students, employees and executives etc.**
- **Knowledge Management System.**





TELECOM

Mokul provides solutions in Telecommunication and Security systems for service providers, modern businesses & other enterprises. An innovative, technology driven and customer focused organization. The company is committed to keep pace with the telecom and security industries. With around 20% of its human resources dedicated to the sourcing of new products, Mokul provides cutting- edge telecom products like Switching, Transmission, Satellite, Cellular Mobile, Optical fibre transmission equipments, Optical fibre Cables, Access Networks & Terminal equipments like Telephones, Answering Machines, Key telephone systems, Cordless phones, Multiline feature phones, Telephone instruments, Pagers, Pay phones, handsets for radio trunk services, fax machines, ISDN terminals, Modems, Data terminals, Line Jack units, Access control, Time attendance systems & Fire alarm systems etc. The solutions are feature rich, reliable & conform to the international standards.



Mokul is actively engaged in the development of telecom infrastructure by contributing its services for survey, network planning, installation, testing, commissioning, operation & maintenance of various types of telecom equipments.



COMMODITIES

AGRO PRODUCTS

AGRO COMMODITIES:

Rice:

- Raw Basmati Rice
- long Grain White Rice
- Sella Basmati Rice
- Long Grain Par Boiled Rice

Sugar: Icumsa 45

- India
- Thailand
- Brazil

Wheat & Wheat Product:

- Indian Wheat
- Wheat flour
- Wheat flour Fine (Maida)
- Daliya
- Semolina (Sooji)
- Vermicelli (Sewaia)

Pulses/Lentils: Whole/Split, With/Without Skin:

- Masoor
- Toor
- Green Moong
- Red Kidney Beans
- Uradh
- Chana
- Chick Peas
- Black Eye Beans

PROCESSED FOODS:

- Mango pulp, especially the Alphonso and Totapuri varieties
- Guava Pulp

SPICES: Whole/Powdered

- Black Pepper
- Cumin
- Nutmegs
- Peeled Dried Ginger
- Fenugreek
- Sesame Seeds
- Cardamom
- Red Chillies
- Coriander
- Fennel
- Turmeric

DRY FRUITS:

- Cashew
- Peanuts





ELECTRICAL & MECHANICAL EQUIPMENTS

Mokul offers outstanding quality of wide range of Electrical and Mechanical Equipments to International standards including :

- Switchgear, Distribution Boards, MCBs.
- Transformers, Capacitors and Circuit Breakers.
- Building and Earth-Moving Equipments.
- Diesel Engines and Gensets.
- Auto Components.



HOME APPLIANCES

Mokul offers appliances with superior design, high quality and performance, low energy consuming and international styling complying to IS:2082, IS:4159, IS:368, IS:374, IS:966 manufactured in ISO certified facilities.

The range includes :

- Geysers.
- Fans
- Desert Coolers
- Juicer Mixer Grinders.
- Toasters.
- Hot Plates.
- Water Purifiers.



AGRICULTURE MACHINERIES

Mokul Provides a range of Farm Equipments and Farm Products:



- Tractors.
- Harvester Combines.
- Farm Machinery.
- Farm Implements.
- Diesel / Electric Pump-sets.
- Insecticides & Pesticides (Organic & Inorganic).
- Seeds.





HEALTH CARE

Mokul undertakes complete turnkey projects in Healthcare including :

- Hospitals : General & Multispeciality.
- Clinics

It also offers Healthcare Equipments including :

- Hospital Furniture.
- Patient Mobility Equipments such as Wheel chairs and Walking Aids.
- CT Scans.
- Incubators.

A complete range of medical disposables is also offered.



Major Projects By Mokul Group

International Projects :

Transmission Line Projects :

- 132 KV Hartha Qurna transmission line project.
- **Scope of Work:** Supply, Erection, Testing, Commissioning of 132 KV, Double Circuit Twin Teal with OPGW Transmission line project of 57 km line at Iraq.

Sewage Projects :

M/s Mokul Infrastructure in a Joint Venture (JV) with SEPC as (Mukul Shriram EPC JV) for execution of a Civil Construction Contract in Iraq for installation of Sewage, Storm water and Trunk sewer pipeline work in Basra, IRAQ for 275,566,491iraqi dinars equivalent to USD 230 Million.

This project includes :

- 250 km of Roads
- 8.5 km of 2100-2800 mm. Trunk Line
- 300 km of Sewage Network
- 200 km of Storm Water Network
- 1 Screw Pump Station
- 16 Pumping Stations

Domestic Projects :

- KBPL of IOC - 1400 KM for transportation of crude oil from Kandla to Bhatinda with SKODA EXPORT.
- Line pipe supply for HBJ pipeline up gradation project (610 Km OF 42" LSAW PIPE).
- Supply of online CNG compressors (With Sulzer) for Delhi city gas distribution project for IGL.
- Supply of online CNG compressors (With Krauss) for Delhi city gas distribution project for IGL.
- Construction of water supply pipeline including materials and engineering (29km.) in Ujjain.
- Setting up of coal washeries on build own operate basis for various customers in the power sector.
- Survey of proposed transmission lines up to 400 KV.
- Laying of 7 km. pipeline (12")for supply of natural gas in Delhi •Erection and commissioning of transmission lines.
- Laying of Optical Fibre cable between Delhi - Mumbai on live transmission line (with Marubeni) for PGCIL.
- Supply, construction, installation and commissioning of substations.





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