

# Mining

## Exploration & Mineral Processing Solutions



SOURCING SOLUTIONS PAR EXCELLENCE





Modern mining requires large amounts of investment in capital infrastructure and equipment to produce a product sold at a low unit cost. To stay competitive, such a business has to focus on full realisation of its capital investment, i.e. sustained production at high levels. Smart sourcing plays an essential role in achieving this goal.

EIPL brings to customers extensive experience in mining and expertise through technology partnerships and strategic alliances.

Operating from its Headquarters in Vadodara (Western India), EIPL has arranged a great portfolio of Products, Projects and Services to solve most of the possible problems and meet the complex demands for our Customers.



**Overhead Crane**

## Turnkey Projects



The mining projects division was set up to address Africa's Mining Sector's burgeoning need for quality engineering expansion projects. This division single mindedly focuses on the EPC (Engineering, Procurement and Construction) concept of setting up Mining Projects in Africa.

### The value proposition for ownership is:

- Competitive and Fixed Cost
- Timely execution
- High performance

We provide wide range of services related to Power and Mining projects from consulting and design through to procurement & execution.

### Engineering Design and Development:

Every project or upgrade is a customized project that needs to be specifically designed and developed for optimum results.

- Fundamental Research and Development
- Design and Detailed Engineering



### Equipment Procurement and Supply:

Detailed planning is the key to ensure high standards of excellence throughout the supply chain.

- Material sourcing
- Inspections
- Logistics

### Construction:

EIPL offer total turnkey solutions from initial design to final commissioning.

- Construction management
- Installation at site
- Commissioning and testing
- Training of operations team

## Why EPC? ( Engineering, Procurement & Commissioning)

- Single point responsibility – assured
- Cost and time to completion – guaranteed
- State-of-the-art technology – committed
- Engineering practices – best-in-class
- Peace of mind – guaranteed

**Successful collaborations with top-of-the-line manufacturers and consultants, has been a hallmark of all EIPL projects**

### FIELD OF WORK

- Pre-Engineering Plant Buildings
- Ore Washing Plant – Customized to the type of mineral
- Mineral processing Plants
- Material Handling Systems
- Agitator Leaching Units
- Filter Press and Horizontal Belt Filters
- HDPE/PVC/PP Piping
- Cathode Stripping Machine
- Heap Leaching Piping System
- Cobalt Hydroxide drying plants
- Solar Street Lights and Pumps
- Electrolytic Cells with accessories
- Agitated Spin Flash Dryer
- Arc Furnace



**HRJ**



## Mining Equipments



- Backhoe Loader
- Wheeled Loaders
- Tracked Excavators
- Pick & Carry Cranes
- Buckets and Spares

## Mineral Processing Equipments



**Horizontal Vacuum Belt Filter**



**Filter Press**

- Ball Mills
- Agitator Leaching Units
- Horizontal Vacuum Belt Filter
- Lead Anodes
- SS Cathode with edge strips
- Copper Bus Bars & Bus Bar Capping Board
- Weak Acid/Electrolyte Circulation pumps
- Agitated Spin Flash Dryers
- FRP/Steel Gratings
- PP lined FRP tanks
- Industrial belts
- Material Handling Equipments  
(Conveyors, EOT Cranes and Bucket elevators, etc.) and Spares

And Many More . . .



## Chemicals

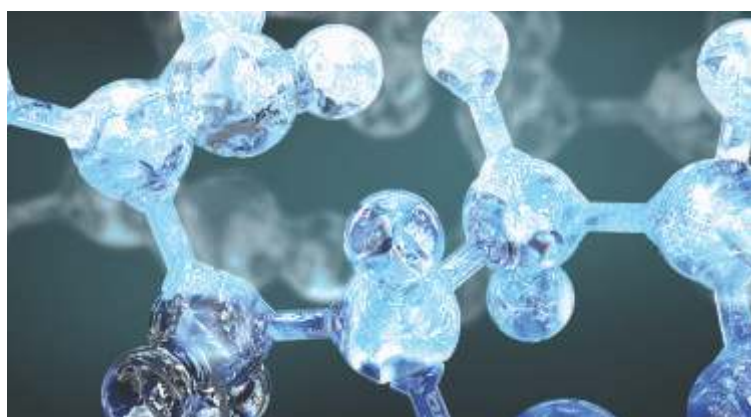
### Water Treatment

- Caustic Soda Flakes - 99.5%
- Aluminium Sulphate (Ferric/Non-ferric)
- Calcium Hypochlorite - 65%
- Poly Aluminium Chloride
- Copper Sulphate
- Herbal Liquid for water treatment in cooling tower, Compressor, Boilers, Chilling Plant, Heat Exchangers, tubes & Pipes for removing & preventing scaling & algae



### Flocculants

- Mineral Processing and Ore beneficiation
- Waste water treatment
- Sugar Industry



### Industry

- Sodium Hypochlorite Solution 10-12%
- Hydrochloric Acid 30-33%
- Methylene Chloride
- Activated Carbons
- Polyaluminium Chloride
- Foundry Chemicals
- Sugar Processing Chemicals



## Diesel Generators and spares



EIPL markets Power Generation Plants by Diesel Generators (from 15KVA up to 500KVA with all accessories such as control panels, acoustic enclosures and synchronizing systems) using diesel as a fuel for power backup and captive power arrangements in various industrial segments.

## Pumps & Motors

- Centrifugal / Reciprocating Pumps
- Slurry Pumps
- Motors



## Valves

**TYPE** Manual and Pneumatic - Ball, Gate, Globe, Check, Relief, Butterfly, Control, Solenoid, NRV, etc.

**SIZES** **MATERIALS**

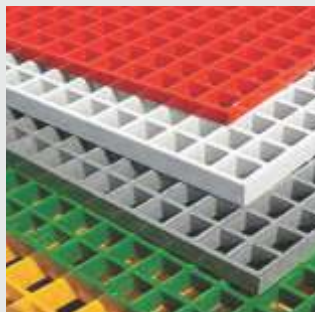
½" thru 30"

- Carbon and Stainless steel
- Cast Iron
- PTFE
- Chrome-moly alloys
- Bronze and Brass
- Rubber lining



## Pipes, Fittings & FRP Grating

- C. S. / M.S. / S.S. / GI - ERW and Seamless Pipes and Pipe Fittings
- PVC / UPVC / PP / HDPE Pipes and Pipe fittings



## Mechanical Maintenance Spares

- Bearings
- Chains
- Coupling
- Gearbox
- Gears
- Moulds
- Pulley
- Shafts
- Chain Transmission
- Fasteners
- Anchors
- SS fasteners
- Bushings
- Mechanical Seals
- General Mechanical Shop floor tools and tackles



## General Electrical Switchgears, Instrumentation and Controls

- Transformers
- Circuit breakers
- Bus bar systems
- VFDs
- Control Panels
- Electronic Test & Measuring Instruments
- Contactors
- Drives
- Relays
- Switches
- Lighting and Luminaries
- General Electrical Spares and Consumables.



## General Consumables

- Safety Appliances (Helmets, Medical Kits, Dusk mask, Safety jacket, Safety Shoes, Gloves, etc.)
- Uniforms (Industrial Clothing, Aprons, Raincoats, Overalls, etc.)
- Mining equipments (Shovels, Chisels, Crowbars, Hammers, Picks, Axe, Hoes, etc.)
- Bags (P.P. woven bags of different capacities)
- Laboratory Equipments and supplies (Glassware, Analytical instruments, etc.)
- Filter cloths



## List of our esteemed Customers

1. Somika S.P.R.L., D. R. Congo
2. Sotrafer S.P.R.L., D. R. Congo
3. Ruashi Mining S.P.R.L., D. R. Congo
4. TechnoConstruct S.P.R.L., D. R. Congo
5. SNEL, D. R. Congo
6. MES Division of MCS S.P.R.L., D. R. Congo
7. Solution 4 Africa S.P.R.L., D. R. Congo
8. Kisanfu Mining S.P.R.L., D. R. Congo
9. Africa Milling Company Congo S.P.R.L., D. R. Congo
10. Boss Mining S.P.R.L.
11. Chemaf S.P.R.L.
12. Konkola Copper Mines PLC
13. Zambia Sugar Ltd.
14. North – Western Water & Sewerage Co. Ltd.
15. Lusaka Water & Sewerage Co. Ltd.
16. Southern Water & Sewerage Co. Ltd.
17. Eastern Water & Sewerage Co. Ltd.
18. Chambeshi Water & Sewerage Co. Ltd.

And many more.....

## Our Associates

### D. R. CONGO

#### MINING ENGINEERING SERVICES

A Division Of MINING CHEMICAL SERVICES S.P.R.L.

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### SOUTH AFRICA

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