SARAL MINING LIMITED

(formerly known as XO Infotech Limited)

Details Of Business:

Saral Mining Limited (SML) commenced its minerals business in 2010. Earlier to that it was known as **XO Infotech Limited**. Our corporate office is located at Ahmedabad –Gujarat.

Saral Mining Limited is involved in the extraction and trading of precious minerals and other geological materials. We transform the extracted materials into a mineralized form and provide them to the market. We are not only involved in mining, but we do trade of various minerals in their various forms also. Our activities include metals production, metals investing, and metals trading.

Apart from this, we purchase, hold, acquire, mines, mining lease, mining license, mining rights, mining claims and metalliferous lands and to explore, search, work, exercise, develop, treat, fine and turn to account ores, all sorts of major and minor minerals working deposit of all kinds of minerals and subsoil minerals and to crush, quarry, smelt, calcine, refine, dress, preserve, amalgamate, manufacture, manage, manipulate and prepare for market ore, metal and mineral substances of all kinds and to carry on metallurgical operations in all its branches.

Projects & Activities

Projects, undertaken by Saral Mining Limited can majorly be divided into three parts:

- **Mining Consultancy**
- **Mining Activities**
- **Trading (including Exports)**

1. Mining Consultancy:

We provide our expert oriented consultancy services at 2 stages, namely the exploration and feasibility stage, and the planning and construction phase.

i. Exploration and Feasibility
The purpose of exploration is to find ores that are economically viable to mine. It begins with locating mineral anomalies, after which discovering and sampling confirms or denies that there is a find. It can be further proven through drilling programs and resource definition.

ii. Planning and Construction
Once a potential mine is proven to be viable, the planning and construction phase begins with applying for and obtaining permits, continuing economic studies, and refining mine plans.

Infrastructure development also takes place at this stage as mines are often located in remote areas that require construction of roads and electricity

2. **Mining Activities:**

- ✓ SML not only operates its own mines, but it also provides support and consultancy services to other industry fellows as well.
- ✓ Everyone know that once the operation is ready to begin, the asset officially becomes an operating mine.
- ✓ During this phase, the ore is extracted, processed, and refined to produce metal. This section forms the bulk of the focus of the financial model for an operating mine. Once all the ore has been extracted, the mine closure process begins, which can last for several years. The process includes clean-up, reclamation, and environmental monitoring.

3. **Trading:**

- ✓ SML is also involved into trading of Mineral ores, Minerals, Mining Equipment, old metallic material (to be processed and refurbished).
- ✓ As the demand in construction industry is rising for new projects, at the same time, there are old projects that are being demolished. To re-utilise the iron bars and other metals used in these projects worth a significant amount and if we throw it away, it will not only cause a threat to environment, but also enhance the demand of fresh material. At SML, we are dedicated to save environment and add value to the industry, so we collect these metals, reprocess and reshape them to the new and supply to market.

Current Project

SML has identified a significant scope for new mining capacities in Rock Phosphate and Bauxite. Apart from this, there are various other considerable opportunities for future discoveries of sub-surface deposits.

Several importers excavate rock phosphate in the Sagar and Meghnagar areas to supply it as a raw material for coffee and tea fertilizer manufacturers. However, neither the mining corporation nor the department of industries has conducted a study about utilizing the mineral lying in abundance in these districts.

According to the mining department, the production of rock phosphate has increased from 9,546 tonnes in February 2005 to 15,500 tonnes in February this year, thereby registering a growth rate of 126.61 per cent in production. Madhya Pradesh excavates 12.54 per cent of India's rock phosphate production.

Hence, SML is in process to establish a plant at ***Meghnagar Rock Phosphate Beneficiation Plant,*** Jhabua to process 1 MTPA Run of Mine (ROM) in upstream and 0.5 MTPA downstream. Proposed plant will consist of Primary Crushing Unit, Coarse Ore Stockpiling, Secondary & Tertiary Crushing, Grinding of the ore in Ball Mill as Primary Grinding unit, Bulk Flotation of Phosphate & Carbonate.

Reverse Flotation section followed by all downstream facilities of Dewatering, Reagents and Filtration of the Phosphate concentrate and Final Tailing Disposal to Tailing Dam.

Primary crushing circuit shall be rated at capacity of 225 TPH (dry), 1.0 MPPA and the Grinding, flotation, concentrate thickening & filtration, Tailing Thickening & Dry Tailing Disposal shall be of capacity 70 TPH (0.5 MTPA).

The proposed plant shall consist of the following sections:

ROM ore receiving, primary crushing section	**Phosphate Concentrate Thickening & filtration (by Drum Filters)**
Fine Ore Bin	**Ball Mill Grinding.**
Coarse Ore Stockpiling (COSP) & Reclaim	**Secondary & Tertiary Crushing (SCH)**
Phosphate flotation section	**Utility & Auxiliary section**
Reclaim water reticulation.	**Reagent section**
Tailing dewatering, Filtration & Dry Tailing Slurry disposal system.	