Iran Minerals Production and Supply Company

Iran Minerals Production and Supply Company (IMPASCO) is one of the Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)'s Subsidiaries and the most prominent specialized Holding Company producing minerals in Iran. This Company’s main focus is on the production of different kinds of minerals including Metallurgical Coke, Coal, Gold, Ferrochrome, Nepheline Syenite, Phosphate, Lime, Potash, Titanium, Lead and Zinc.

Statement of Commission:

IMPASCO's calling would be known by providing required minerals for country's Industrial Development through flourishing mineral potency by means of conducting, minerals' Exploration Operation, Commissioning and Equipping, Construction of Processed Plant, and Exploitation in and out of the country.

Declaration of Perspective:

IMPASCO, country's Specialized Mineral Holding Company plays the first role in providing required minerals for Iran's Industrial Development and is known as a leading mining company in domestic and international markets with the efficiency of Gross Domestic Product and non-oil economic development through the expansion of Mine sector.
Declaration of Values:

We, IMPASCO, do believe the fact that Mine Reserves in Iran benefits of Divine Blessing so that we can play the unique role in the Country's Mine Sector constant development by respecting the followings:

- Respecting to all Beneficiaries' Rights
- Respecting to Human Magnanimity
- Fully Adherent to Laws and Regulations
- Adhering to professionally Moral Principles and Specialization
- Considering the Company's Social Responsibilities
- Considering Staff Health and Safety
- Observance and Preservation of Environment, Cultural Heritage, Non-Renovative Sources, and Rights of Future Generations

Iran Minerals Production and Supply Company's Strategies:

Based on IMIDRO's executive affairs which have been transferred to this company, authorized by the venerable Government, Macro strategies, in the first layer, has pointed the orientation in key procedures showing the crucial stages of the valued chain benefiting Exploration Strategies, Preparation and Equipment Strategies, and Exploitation and Extraction Strategies.
Strategic Orientation to increase the company's obligatory sectors and organizational capacity have been, in the company's different aspect of business, defined in the second layer of company's macro strategy including "Strategies of Financial Provision", "innovative and technological strategies", "Commercial and Vending Strategies", and "Human Resources Strategies".
**Name of the Project:** North Kouchakali Coal Equipping and Exploitation Mine

**Scope of the Project:** Production of Thermal Raw Coal Concentrate

**Investment Estimation of the Whole Project:** 30 million dollars

**Way of Investor’s Absorption:** Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** South Khorasan Province – 65 kilometers to the southwest of the town of Tabas

**Complementary Explanation:**

The proved reserve is 40 million tonnes. The excavation carried out amounts to 9000 meters and the layer incline is close to 32 degrees. The annual capacity will be identified after engineering design is done.
Name of the Project: West Kouchakali Coal Equipping and Exploitation Mine

Scope of the Project: Production of thermal raw coal

Investment Estimation of the Whole Project: (million dollars):

It will be identified after the basic engineering design

Way of Investor’s Absorption: Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

Place of Commencement: South Khorasan Province, 65 kilometers to the southeast of the town of Tabas

Complementary Explanation:

The reserve is 86 million tonnes. The excavation carried out amounts to 7574 meters and 1350 hectares have been topographically surveyed. The layer incline is 3-23 degrees. The average layer thickness equals to KC=1.41.

Of course there are 17 layers with average thickness of over 50 centimeters.
**Name of the Project:** Establishment of Chahgaz Grading Plant

**Scope of the Project:** Establishment of Iron Ore Grading Plant capable of sustaining the production rate of 2 million tonnes of grading product annually

**Investment Estimation of the Whole Project:** (million dollars)

It will be identified after the basic engineering design

**Way of Investor’s Absorption:**

Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** Yazd Province – the town of Bafgh

**Complementary Explanation:**

Chahgaz graded Iron Ore with the average grade equals to 52±2 with the input load quantity of 500 tonnes per hour and the production rate usable in blast furnaces with the grade of %61 out of this mine in which the proved reserve has been predicted to be 90 million tonnes.
**Name of the Project:** Design and Extraction of the Mine, Establishment of North Anomaly Iron Ore Concentrate Production Plant

**Scope of the Project:** Mine economical and technical studies, reopening, extraction of Iron Ore with the average grade of %30 from the north anomaly mine and establishment of processing plant for the proved reserve of 300 million tonnes.

**Investment Estimation of the Whole Project:** (million dollars)

It will be identified after the basic engineering design and economic studies

**Way of Investor’s Absorption:** Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** Yazd Province - Iranian Central Plateau Iron Ore Mines Complex

**Complementary Explanation:**

Complementary explorations have been done and the proved reserve equals to 300 million tonnes.
**Name of the Project:** Kohdom Polymetal Mines’ Equipping and Design Project

**Scope of the Project:** development of exploration and equipping of Iron Ore, Copper and Gold processing plants and mines

**Investment Estimation of the Whole Project:** (million dollars)

It will be identified after the basic engineering design and mine design

**Way of Investor’s Absorption:** Public Tender

Making Contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** Isfahan Province – the town of Ardestan – Zavareh

**Complementary Explanation:**

The excavation carried out amounts to over 10,000 meters. The reserve is 4 million tonnes of Gold Ore with the grade of 1.2PPM. The annual production of 260 kilograms of gold ingots and 100,000 tonnes of graded Iron Ore have been considered through comprehensively basic studies.

Investment Estimation of the whole project will be identified after the basic engineering and mine design
Name of the Project: Toroud Brine Exploitation and Equipping Reserves

Scope of the Project: Exploitation of the brine reserves and the establishment of plants aiming at producing 60,000 tonnes of Potash, 500,000 tonnes of Magnesium Chloride and bi-products

Investment Estimation of the Whole Project: 100 million dollars

Way of Investor’s Absorption: Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

Place of Commencement: Semnan Province – the town of Toroud

Complementary Explanation:

Basic explorations have been done and the excavation carried out amounts to 2500 meters. The brine proved reserve equals to 1.2 billion cubic meters. Grade analysis of Potash, Magnesium, and Brine rate is 4, 77, and 170 grams per liter respectively.
**Name of the Project:** Production of Khor and Biabanak bi-Products

**Scope of the Project:** The production of bi products like Chlorides, Sulfates, and magnesium compound out of Khor and Biabanak Plant’s industrial salt and wastewater

**Investment Estimation of the Whole Project:** 55 million dollars

**Way of Investor’s Absorption:** Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** Isfahan Province – the town of Khor and Biabanak

**Complementary Explanation:**

Annual production of 1.5 million tonnes of industrial salt

The investment on other bi-products will be from Khor and Biabanak Potash Plant’s industrial salt and wastewater such as chlorides, sulfides, and magnesium compounds.
**Name of the Project:** Copper Equipping Mine and Establishment of the Plant located in Semnan province

**Scope of the Project:** Exploitation and establishment of the processing plant for copper areas in Semnan province, capable of sustaining the production rate of at least 50,000 tonnes of copper ore annually.

**Investment Estimation of the Whole Project:** 5 million dollars

**Way of Investor’s Absorption:** Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

**Place of Commencement:** Semnan Province – town of Moaleman

**Mine Characteristics:**

Having the proved reserve of 250,000 tonnes of copper ore with the average grade of %1.1

**Complementary Explanation:**

Design and exploitation of the mine out of four areas at this company’s disposal in the name of Kaloot and Kalate Mehran copper holding the exploitation license with the proved reserve of 250,000 tonnes of copper with
the average grade of %1 and copper areas named Cheshme Shirin and Chah Farakh bearing the exploitation authentication as well.

**Name of the Project:** Exploration on Sistan & Balouchestan Province Veins

**Scope of the Project:** Basic to detailed exploration of 10 polymetal and potential areas through tracking studies.

**Investment Estimation of the Whole Project:** 3.5 million dollars

**Way of Investor’s Absorption:** Public Tender and tender of extraction and sale of the product and / or negotiating with investor

**Place of Commencement:** Sistan & Balouchestan Province

**Complementary Explanation:**

Number of Areas: 117

Total Size: 13000 square meters

Potential Areas: 14

Target Areas’ size: 2274 square meters

Done Exploratory Process: Recognition and preliminary tracking

Done Exploratory Plan: Geochemistry, heavy mineral, and complementary tracking
- 10 potential polymetal areas in Saravan, Zahedan and Taftan-Bazman for basic exploratory studies to detailed phase. If the results led to the positiveness, drilling operation and large-scale map design will be done.

- 3 potential polymetal areas in Janja for the basic study phase, in case of positive results, detailed study phase will be followed. This vein bears the appropriate potentiality of gold, copper, lead and zinc.

- Saravan vein is potential for heavy mineral, complementary tracking phase will be done followed by basic phase. This vein holds 2 exploration certificates in suburb of Saravan.
**Name of the Project:** Exploration of South Khorasan Province Veins

**Scope of the Project:** Large-scale exploration on 3 veins of South Khorasan Province

**Investment Estimation of the Whole Project:** 3 million dollars

**Way of Investor’s Absorption:** Public tender and negotiable with investor

**Place of Commencement:** South Khorasan Province

**Complementary Explanation:**

Number of Areas: 15

Target Areas’ size: 2000 square meters

Done Exploratory Process: recognition and preliminary and complementary tracking

Done Exploratory Plan: Geochemistry, heavy mineral, and complementary tracking and analyzing of 500 samples and Iron Ore reserve recognition, gold, lead and zinc anomalies and enormous reserves of constructive rocks, industrial soil and semiprecious rocks.

Operational execution: holding tender aimed at absorbing investor through new processes.
Name of the Project: Qom Brine Equipping Reserves

Scope of the Project: Design of the plant establishment with the annually production rate of 50,000 tonnes of Magnesium Oxide and bi-products from Qom Brine Lake

Investment Estimation of the Whole Project: 80 million dollars

Way of Investor’s Absorption: Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

Place of Commencement: Qom province, Qom Brine Lake

Complementary Explanation:

- Reserve rate of 32 million tonnes of magnesia with the grade of 11-30 grams per liter (Mg++)
- 200 million tonnes of halite with the grade of 34-92 grams per liter in Sodium ion (Na++)
- 5.4 million tonnes silhouette with the grade of 0.3-4 grams per liter in Potassium ion (K+)
Name of the Project: Plant Establishment of producing Baked Lime with the capacity of 100,000 tonnes

Scope of the Project: The production of newly saleable product for steel making plants and bringing added value for the complex

Investment Estimation of the Whole Project: 80 million dollars

Way of Investor’s Absorption: Public Tender and making contracts in the form of extraction and sale of the product and / or through negotiating with the investor

Place of Commencement: Isfahan province, environmentally adequate in the region

Complementary Explanation:

- The proved reserve of this mine is 60 million tonnes of limestone
- There is a 2-million-tonne depot of graded iron ore in the complex for the production of baked lime
- Investor absorption for establishment the mentioned complex and exploitation as well as mine ore sale