



Energy and Mines Ministry
Mining Industrial Group MANAL
National Company of Iron and Steel – FERAAL



Social capital 1.000.000.000 DA
7, AMMANI BELKACEM Street, SIDER site, Le Paradou, Hydra – Algiers
RC n° 14B0995212 – M. Fiscal : NIF 001416099521252

**OPEN NOTICE OF NATIONAL & INTERNATIONAL CALL FOR EXPRESSION OF
INTEREST N°01/2022
(A two-Step process)**

Subject: Search for partners for the construction and operation of iron ore processing facilities at the Gara Djebilet deposit, City of Tindouf - Algeria

STEP 1: PUBLIC CALL OF CANDIDATES

The National Iron and Steel Company, FERAAL Spa, launches a Call for Applications prior to a Call for Expression of Interest (AMI) in order to select companies willing to enter into partnership with FERAAL for the construction and operation one or more industrial iron ore processing units from the Gara Djebilet deposit (City of Tindouf). The data sheet presenting the Gara Djebilet iron ore deposit and the prospects for its development is attached to this call for candidates.

These Calls for Applications and Expressions of Interest are addressed to Companies or Organizations with references in similar projects and installations.

Interested companies in this Project may send a Letter of Application accompanied by reference documents before January 15, 2023 by scanned mail (file.pdf) sent by email to the following address: gd.ami.2022@feraal.dz or by an express mail to the address below:

Société Nationale du Fer et de l'Acier, FERAAL Spa
7, Rue Amani Belkacem, Le Paradou – Hydra- Alger.

Requests for clarification should be directed to FERAAL General Management:

Mail address: feraaldga@feraal.dz

Cell phone: +213 661 77 01 10

STEP 2: CALL FOR EXPRESSION OF INTEREST

Upon receipt of the letter of application, and after evaluation by an Ad-hoc Commission, FERAAL will send to the selected Candidates, on February 15, 2023, the file that will allow them to specify their response to the Call for Expression of Interest.

The Call for Expression of Interest file will:

- Summarize the main information relating to the development of the Algerian steel industry and its raw material needs,
- Present the Gara-Djebilet iron ore deposit,
- Describes the products identified from results of laboratory research work and/or from small-scale pilot tests carried out over the period 2019-2022 and also the remaining work to be done so as to achieve an industrial solution allowing the recovery of iron ore from Gara Djebilet deposit, in order to meet the needs of the national steel industry and/or for export,
- Specify the responses expected by FERAAL to the "Call for Interest Expression",
- Communicate the general schedule envisaged by FERAAL for the processing of the Call for Interest Expression and the selection of Partners.



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Public Call for Candidates
Preliminary information

Technical sheet presenting the main characteristics of the Gara Djebilet iron ore deposit and its development prospects

Algeria started in 2022 the opening of the Gara-Djebilet iron ore mine located 180 km from the city of Tindouf, near the Algerian-Mauritanian border, in a desert environment.

The deposit is sedimentary in nature and is easily mined by open pit. On a part (about 5.000 hectares) of the western lens of the deposit, the exploration work has identified a thin sterile cover and a mineralized body of 10 - 12 m in thickness, the upper part is mainly Hematite, the main body being made up of mainly Magnetite and Maghemite. In the recognized area, the Iron Ore Resources have been estimated according to the JORC standard, at 1.26 billion Tons: 980.000.000 T measured, 210.000.000 T indicated, 70.000.000 T probable.

Overall, with the other lenses of the Deposit, the Resource is estimated at more than 3 billion tons of Iron Ore.

Classified as low abrasive and breakable, iron ore requires rather low crushing and grinding energy consumption.

With an Iron Fe content of almost 56%, the Ore is affected by an acid gangue (Silica SiO₂ 5-6% and Alumina Al₂O₃ 4-4.5%) and a high Phosphorus content P 0.8%. Therefore, for its use in the steel industry, this oolitic Ore must be beneficiated to enrich the iron content and reduce the harmful elements.

The needs of the various national steelmakers of more than 6 million tons of raw materials currently should exceed, by 2030, 20 million tons per year in the form of enriched concentrated ore (Sinter Feed or Pellet Feed), Pellets or Pre-reduced products, resulting in an extraction of 30 to 40 million T/year. In addition to these commercial products, by-products, discharges from processing, and/or the necessary consumables can allow new investment projects.

On the Gara-Djebilet Deposit area, water and energy resources are scarce; the treatment facilities will mainly have to be located between Bechar and Naama, along the Bechar-Oran railway line. A first industrial platform (200ha) has already been identified north of Bechar.

Algeria has decided to launch the construction of the Gara-Djebilet – Tindouf – Bechar railway line, the works are planned from 2023 to 2027. Before 2027, the exploitation of the Gara-Djebilet deposit will be limited by the road transport abilities, probably 2 million tons per year.

This period should make it possible to carry out pilot demonstration units of the treatment processes envisaged, to adjust the operating parameters, to determine the production costs and to finalize the bankable feasibility studies of future industrial projects whether for the Algerian market or for the export.