PROJECT FOR EGYPT EXECUTIVE SUMMARY

Integrated Silica Sand Supply, Export & Silicon Manufacturing Project

Arab Republic of Egypt

Project Sponsor & Initial Commercial Supplier:

AL-MOHAMADIYA FOR IMPORT & EXPORT

Project Representative: Mohamed Ayman Elhefnawy

Project Location: Egypt – Proposed quarry and industrial locations in Sinai or the Western Desert, subject to technical, legal and regulatory due diligence.

1. Project Overview

The project aims to establish an integrated industrial and commercial platform in Egypt, starting with the acquisition and development of silica sand resources, followed by organized supply and export operations, and ultimately progressing toward domestic silicon manufacturing.

Egypt offers an opportunity to develop a value-added industrial chain based on its silica sand resources, connecting raw material supply with advanced industrial processing and the growing international demand for silicon-related products.

The project is intended to be developed in partnership with an experienced international Engineering, Procurement and Construction (EPC) company, supported by qualified Egyptian contractors and technical specialists.

2. Project Development Strategy

The project is structured into four progressive stages:

Stage 1 – Corporate Headquarters and Project Management

Establish and equip a dedicated administrative headquarters in New Cairo or the New Administrative Capital, including the recruitment of a professional management, engineering, financial and administrative team.

Preliminary investment estimate: Up to US$2 million.

Stage 2 – Silica Sand Resources and Operational Infrastructure

Secure suitable quarry operating rights, acquire or arrange access to the required adjacent land, and procure the necessary extraction, processing, handling and loading equipment.

Potential locations include Sinai and Egypt's Western Desert, subject to geological surveys, legal title or operating-right verification, permits and technical assessment.

Preliminary investment estimate: Up to US$20 million, covering the proposed quarry rights, adjacent land and equipment package.

Stage 3 – Silica Sand Supply and Export Operations

Develop commercial operations for the extraction, preparation, handling and supply of silica sand to domestic and international customers.

This stage is intended to establish an initial revenue-generating business while the engineering and feasibility work for the silicon manufacturing facility proceeds.

All extraction and export activities will be subject to the necessary licenses, permits, quality verification and applicable Egyptian regulations.

Stage 4 – Silicon Manufacturing Facility

Develop a modern industrial facility for converting suitable silica sand into silicon products.

The EPC partner will be invited to undertake the technical and commercial assessment, including:

- Evaluation of silica quality and suitability for industrial processing.

- Selection of the appropriate production technology and manufacturing route.

- Determination of the suitable silicon product and target quality specifications.

- Preliminary plant capacity and process design.

- Engineering, procurement, construction and commissioning planning.

- Utilities, energy, water, environmental and safety requirements.

- Capital expenditure (CAPEX), operating expenditure (OPEX), and implementation schedule.

The plant's final capacity, technology, investment requirements and construction schedule will be established through the feasibility study and EPC proposal.

3. Preliminary Investment Framework

The currently identified initial development budget is:

| Component | Preliminary Estimate |

|---|---:|

| Headquarters and project management setup | US$2 million |

| Quarry rights, adjacent land and equipment | US$20 million |

| Initial identified investment | US$22 million |

These figures are preliminary planning estimates, not final quotations or approved expenditures. They do not include the final capital cost of the silicon manufacturing facility, which will be determined following technical studies, engineering design and commercial evaluation.

4. Proposed EPC Partnership

The project seeks an experienced international EPC partner capable of providing technical leadership and delivering an integrated industrial solution.

The proposed cooperation may include feasibility studies, process technology selection, engineering design, equipment procurement, construction, installation, testing and commissioning.

The parties will also explore an appropriate project implementation structure, investment model, contractual arrangements and potential financing pathways.

5. Project Vision and Long-Term Opportunity

The long-term vision is to develop Egypt into a competitive regional platform for silica sand processing and silicon manufacturing, progressively moving from the export of raw materials toward higher-value industrial products.

Future expansion opportunities may include advanced silicon applications and, subject to technical and commercial feasibility, solar-related manufacturing and other downstream industries.

6. Immediate Objective

The immediate objective is to engage the EPC partner in a preliminary technical and commercial assessment, establish the project's engineering requirements, identify the appropriate development model, and prepare a structured feasibility and implementation proposal.

Project Contact

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This document is a preliminary project presentation intended for discussion and evaluation by a potential EPC partner. All investment estimates, project specifications, site arrangements and implementation commitments remain subject to due diligence, feasibility studies, regulatory approvals, definitive agreements and confirmed financing.