INVESTMENT OPPORTUNITY

Investment Opportunity(1013)

Integrated Project for Battery Manufacturing Plant

Project Overview

The Ministry of Investment hereby presents an investment opportunity for the establishment of an integrated manufacturing plant for battery production in Benghazi Industrial City, aimed at localizing the industry, reducing imports, and supporting renewable energy projects. The project relies on modern production lines and smart operating systems to ensure the production of high-quality batteries, utilizing automation and artificial intelligence to enhance efficiency and reduce operational costs.

Project Site:

- **Location:** Benghazi Industrial City – East Libya.
- **Type of Activity:** Electrical industries and energy storage systems manufacturing.
- **Nature of the Project:** Strategic industrial project.

Target Markets:

- The Libyan market.
- Electricity distribution companies.
- Telecommunications and information technology sector.
- Renewable energy companies.
- Transport and vehicle sector.
- North African markets.
- African markets.
- Middle Eastern markets.

Land Area Requirements

Item	Area
Total Area	120,000 – 180,000 m^2
Manufacturing and Production Zone	60,000 – 90,000 m^2
Storage Facilities and Logistics	25,000 – 40,000 m^2
Future Expansions and Ancillary Utilities	Remainder

Estimated Investment Cost

Item	Value in USD
Infrastructure and Civil Works	40 – 60 Million
Automated Production and Assembly Lines	120 – 180 Million
Quality, Testing, and Laboratory Systems	20 – 35 Million
Storage Facilities and Logistics	15 – 25 Million
Operational and Startup Capital	30 – 50 Million
Total Investment	**225 – 350 Million USD**

Project Components:

- Battery production and assembly lines.
- Plate and electrode manufacturing units.
- Filling and assembly lines for industrial and vehicle batteries.
- Quality, efficiency, and safety testing laboratories.
- Smart inspection systems powered by artificial intelligence.
- Production management and numerical control systems.
- Raw material and finished product warehouses.
- Specialized technical training and qualification center.
- Integrated administrative and service facilities.
- Integrated industrial safety and security system.

Core Products:

- Light and heavy vehicle batteries.
- Solar energy and energy storage batteries.
- Industrial batteries.
- Telecommunications and data center batteries.
- Emergency and electrical backup system batteries.

Product Applications:

- Private and commercial vehicles.
- Solar energy projects.
- Energy storage stations.
- Telecommunication networks.
- Industrial and commercial facilities.
- Hospitals and vital facilities.
- Data centers and digital infrastructure.

Estimated Production Capacity:

- Production of 2 – 3 million batteries annually.
- Production of energy storage batteries with a capacity of up to 1 GWh annually.
- Potential for future expansion to meet regional and export demand.

Financial Indicators

Indicator	Value
Anticipated Annual Revenues	250 – 450 Million USD
Annual Net Profit	45 – 85 Million USD
Return on Investment (ROI)	14% – 20%
Payback Period	5 – 8 Years
Operating Profit Margin	18% – 25%

Competitive Advantages:

- Strategic location in proximity to ports and logistical infrastructure.
- Growing domestic and regional demand for batteries and energy storage systems.
- Supporting the expansion of renewable energy projects in Libya.
- Low operating costs compared to many competing markets.
- Capability to export to African and Arab markets.
- Utilization of automation and artificial intelligence systems to optimize quality and reduce waste.
- Contribution to localizing high value-added technical industries.

Employment Opportunities:

- Direct jobs: 400 – 700 jobs.
- Indirect jobs: 1,500 – 3,000 jobs.
- Jobs during the construction phase: 800 – 1,200 jobs.

Available Contractual Models:

The Ministry of Investment provides investors with the option to contract under one of the following models:

- Direct investment.
- Partnership with the Libyan private sector.
- Partnership with the public sector.
- Joint Venture.
- Public-Private Partnership (PPP).
- Build-Operate-Transfer (BOT).
- Build-Own-Operate (BOO).
- Management and operation contracts.

Investment Incentives and Advantages:

The project shall enjoy the privileges and exemptions prescribed pursuant to the Investment Promotion Law No. 9 of 2010, most notably:

- Exemption from customs duties on machinery, equipment, and production lines.
- Tax exemptions prescribed for investment projects.
- Facilitation of industrial land allocation.
- Freedom to transfer profits and capital in accordance with legislation in force.

- Facilitation of government licensing and approval procedures.
- Potential to benefit from incentives granted to high value-added industrial and technical projects.
- Support for projects linked to renewable energy and future industries.

Technical and Economic Study Preparation Services:

Should the investor wish to obtain an integrated technical, economic, and financial feasibility study for the project in accordance with approved international standards, specialized consulting offices capable of preparing the final studies for the project are available through the Ministry of Investment and its partners. The cost for preparing the final study amounts to 1.5% of the total investment value of the project.

Invitation to Invest:

The Ministry of Investment hereby invites domestic and international investors, specialized companies within the electrical industries, energy storage systems, and battery manufacturing sector, technology and renewable energy companies, investment funds, and financial institutions to participate in this strategic project, which represents a promising opportunity to localize the battery industry in Libya, enhance industrial security and clean energy, increase the industrial sector's contribution to the national economy, and support sustainable development plans and the transition toward a green economy, thereby reinforcing Libya's position as a regional hub for technical industries and modern energy in North Africa.

MINISTRY OF INVESTMENTMINISTRY OF INVESTMENT -*State of Libya*