



### Project Report – Gas Power Plant

**Beneficiary:** Republic of Iraq Ministry of Oil – Directorate of Planning Studies and Follow-up

#### 1 Strategic Collaboration in Energy Development

The **Gas Power Plant** project is a major initiative aimed at enhancing Iraq's energy sector. An official meeting was held with the **Iraqi Ministry of Oil – Directorate of Planning, Studies, and Follow-up**, under the **Minister of Oil's** supervision, to discuss implementing **natural gas-based power plants** and their role in sustainable energy solutions.

#### 2 US & GULF ENERGY's Role in Project Execution

As the **Regional Director in Iraq** for **US & GULF ENERGY**, I led discussions on execution. Our **U.S.-based company**, partnered with **General Electric and Siemens**, provides advanced technology for efficient power generation. Our commitment is to enhance Iraq's energy infrastructure through reliable and sustainable engineering solutions.

#### 3 Governmental Initiative for Sustainable Energy

The Ministry extended an official invitation, and we participated in discussions showcasing our capability to utilize **extracted natural gas for electricity generation**. This project aligns with **Iraq's vision for sustainable energy**,



reducing dependence on fossil fuels while enhancing efficiency and environmental responsibility.

#### 4 **Response to the Ministry of Oil After Assessment**

We professionally assessed the project and formalized an official meeting. The discussions, supervised by the **Minister of Oil**, emphasized the **implementation of gas-powered electricity generation plants**.

#### 5 **Initial Proposal to the Ministry**

We proposed establishing a **120 MW power plant** using three **General Electric 6B turbines**, each generating **40 MW**, totaling **120 MW**. The turbines are brand new and ready for shipment upon contract signing.

#### **Proposal Details:**

1. **Supply Program:** We have attached all required documents, technical specifications, and compliance certifications to support the project's execution and seamless delivery.
2. **Delivery Timeline:** All equipment will arrive **within 30 days** after contract signing and issuance of the **Letter of Credit (LC)**. Shipping will be arranged from **Europe** to Iraq.
3. **Installation & Commissioning:** The entire installation process will be completed **within six months** after the arrival of the equipment at the project site in Iraq.



4. **Complete Power Plant Equipment:** The supplied equipment includes all necessary components except **transformers and switchgear**, which must be sourced separately based on project requirements.
5. **Transformer & Switchgear Delivery Time:** The **transformers and switchgear** will arrive within **six months** to align with the project's commissioning schedule.
6. **Total Project Cost:** The total cost for designing, supplying, and commissioning the power plant, excluding customs duties and inland transportation within Iraq, is **\$97,350,000.00 (Ninety-Seven Million Three Hundred Fifty Thousand USD)**.

## 7 Project Conclusion

The **COVID-19 pandemic** caused delays in project execution. However, we are now ready to **resume operations**, ensuring full compliance with **administrative, engineering, financial, and legal** standards. Our expertise in **energy solutions, efficient project management, and regulatory adherence** guarantees the project's success. We look forward to collaborating with the Ministry to drive Iraq's energy transformation.

JAMAL M. ALREFAI