

GRID CONNECTED PHOTOVOLTAIC SOLAR PLANT AT AZRAQ II (JORDAN)

The Ministry of Energy and Mineral Resources (MEMR) has obtained an allocation of funds from the Bilateral Spanish-Jordan Debt Swap Mechanism towards the cost of establishing a Solar PV grid connected plant at Azraq location.

Therefore, this tender is governed by the Debt Swap Mechanism on Development between the Hashemite Kingdom of Jordan and the Kingdom of Spain signed in 2001.

The MEMR invites Spanish and other nationalities firms or entities to participate in this Tender for the design, supply, construction, commissioning and warranty of the grid connected solar plant that is to be carried out on a Turnkey basis.

Description of Works

Government of Jordan is committed to reduce carbon emissions and oil dependency. With this purpose several renewable energy projects have been launched through MEMR. The first PV project connected to Grid in Jordan was implemented in Azraq.

Near the Azraq Electric Substation MEMR has built a Grid Connected PV Plant (AZRAQ-I PV PLANT). This PV Plant was successfully built and has been producing energy as expected since its implementation.

The project AZRAQ-I PV PLANT was funded by the Bilateral Spanish-Jordan Debt Swap Mechanism. Due to the fact that the AZRAQ-I has been a success the aforementioned Debt Swap Mechanism has decided to fund a new PV plant in the same location.

The new project object of this tender is AZAQ-II PV PLANT, this new project is planned to be implemented in the available land next to the Northern perimeter of the current PV Plant.

The Definite Work comprises the supply and installation on a turnkey basis of a solar PV grid connected plant to be located at Azraq (Jordan) that implies the

design, supply, construction, commissioning and first two years of operation warranty. Tenderer shall propose a technical solution for the solar PV Plant with the maximum capacity/ performance based on the available budget.

The turnkey contract shall be in accordance with all applicable regulations and guaranteed performance and the technical specifications, and according to Conditions of Contract for Plant And Design-Build For Electrical And Mechanical Works And For Building And Engineering Works Designed By The Contractor. First Issue 1999.

Tenderers eligibility and qualifications

The documentary evidence of the Tenderer's qualifications to perform the Contract, shall establish:

- ***Technical experience requirements***

Tenderer shall have previous experience as an EPC contractor for minimum two (2) operational PV projects of similar technology within the last three (3) years, each of these projects shall have a minimum capacity of (1 MW) that is installed at a single site. One of these projects is connected to the MV grid, and shall have been operational for at least one (1) year at the time of submission of the bid.

- ***Financial Standing:***

- Audited Financial Statements: The tenderer, or in case of its members, each member, shall submit copies of audited financial statements (consolidated balance sheets, consolidated income statement and where available, consolidated cash flow statement including all related notes, and income statements) for the latest available 3 years. Where an Applicant has less than three years of incorporation, the Applicant must submit the aforementioned for the period of incorporation.

- Tenderer shall provide its main financial performance data in a relevant form (Financial Standing Form), to prove its capability to execute the project. Mainly the Net worth of the company shall be positive for the last three years.

Net Worth = Total Assets – Total Liabilities

Any tenderer will be disqualified in case the above mentioned requirements are not met.

According to the source of funds and the provisions set forth in the Bilateral Debt Swap Mechanism the manufacturer of the key project component (PV modules, inverters, and support structure) has to be from Spanish origin. Further details is available in the tender documents.