

## **SOLAR PLANAT AZRAQ PHOTOVOLTAIC GRID CONNECTED (JORDAN)**

The Ministry of Energy and Mineral Resources (MEMR) has obtained an allocation of funds from the European Union towards the cost of establishing a 5.0 MW Solar PV grid connected plant at Azraq location.

The MEMR invites national and international firms or entities to participate in this Tender for the design, supply, construction, commissioning and warranty of the grid connected PV 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 new project object of this tender is AZRAQ-III 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 5.0 MW-AC solar PV grid connected plant to be located at Azraq (Jordan) that implies the design, supply, construction, commissioning and first two years of operation and maintenance warranty. The tenderer is restricted to propose a system with an MVA capacity that shall be sufficient to provide 5.0 MW-AC at point of common coupling (PCC) according to IRR-TIC- July,2015 Code with a minimum DC-MWp to AC-MW sizing ratio of 1.15.

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 EPC Turnkey Projects (First Edition, 1999) Silver Book.

## **eligibility of tenderer**

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 (3 MW) that is installed at a single site. One of these projects shall be 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:**

- o 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 .

- o 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.