



About PDCOR Limited: PDCOR Ltd. is a project development company promoted by the State Government of Rajasthan and M/s Infrastructure Leasing & Financial Services Limited (IL&FS). Chief Secretary of the State Government is chairman of the PDCOR Board. The company closely works with various departments of the State Government by leveraging professional competencies of IL&FS group companies.

PDCOR has been instrumental in development of many solar energy projects in the state of Rajasthan and has assisted the concerned state government agencies in developing solar power projects in the State. The Company has an experienced team of professionals having the skills and capabilities required for development of solar power projects in shortest possible timeframe.

PDCOR is uniquely positioned to provide end-to-end solution i.e. site selection, project conceptualising & feasibility assessment, preparation of Detailed Project Report, vendor selection & procurement, implementation monitoring. Over the years the company has developed a ‘Solar Power Project Bank’ in the state of Rajasthan. This Project Bank offers value-added services to interested investors by making ready-to-implement projects available.

Services Offered for Development of Solar Power Projects: Development of a solar power projects entails several activities. Typical services being offered by the Company for development of solar power projects are given below:

Preparation of ‘Feasibility-Report’

- 1.1 Identify and recommend a suitable site for establishing a power plant in Rajasthan, based on the highest radiation yield per sq. meter (insolation),



- shading factor, topography, availability of evacuation infrastructure, access from road, other infrastructure facilities required.
- 1.2 Quick scanning of available technologies and recommending suitable technological options based on the site details (or vice-versa).
 - 1.3 Assessment of relevant policies & regulations and preparation of a road-map for development of the project.
 - 1.4 Collation of information about possible availability of subsidies, capital, tax benefits etc
 - 1.5 Preparation of financial model to make projections for financial viability, feed-in tariffs in various scenarios, cash flows, P/L account under various scenarios.
 - 1.6 Broad estimation of IRR, RoE and other relevant financial parameters.
 - 1.7 Analysis of potential risks associated with the project and suggesting mitigation strategies.
 - 1.8 Options to sell electricity including provisions available in the National Solar Mission
 - 1.9 Sale-based sensitivity analysis for expected returns in various scenarios based on variation in solar radiations, PLF, disturbances in grid, de-rating of equipments' efficiency/capacity
 - 1.10 Preparation of time schedule required for commissioning of the plant from zero date.

The Feasibility Report analyses initial viability of the project based on assessing the key components of the project (technology, manufacturing, solar insolation and other site-specific parameters, land characteristics, policies and regulations).

Preparation of 'Detailed Project Report'

Detailed Project Report (DPR) will be prepared based on inputs to be provided by the selected technology provider/supplies. The DPR will comply with the requirements set out by the concerned regulatory agency for determination of tariff etc and will broadly address the following:



- Justification for the project
- Study of topographical survey and other data for the project site
- Study of water requirement and finalization of water system
- Detailed study of power evacuation and connection with the grid
- Details about the technology for solar power
- Plant layout and engineering
- Project implementation schedule showing key milestone activities
- Estimation of the project cost with broad and detailed breakup under major heads
- Preparation of Bills of Material
- Computation of the cost of generation at power station bus.
- Sensitivity analysis

Liaison Services: To assist the client in effective liaison with the concerned state authorities for allotment of land, approval by the state-level project approval committee, regulatory approvals etc

Project Implementation Support:

- Providing services of a team of experienced professionals to assist the client in execution of the project at the site to ensure completion in the least possible time period
- Assist the client in availing statutory permissions and liaison with the local administration while executing the project at site, as per requirement
- Monitoring of progress of the project implementation and providing feedback to the client on real time basis