

Salient Technical Feature

A. Land Related Works

1. Arrangement of private Land (**5Acres/MW**) on freehold/leasehold basis in **non-GIB zones of Bikaner/nearby areas in Rajasthan**. Lease period shall be minimum 30 years.
2. Maximum 10% of total land can be Govt land if required, to provide contiguous land parcel for the Project.
3. Necessary approach road till plant boundary including any interconnection between plots (if not readily available) by self or through State machinery.
4. Topography Survey for Land Parcels and any cutting / Filling with 95% compaction as per standard Proctor density test, to maintain an average slope of 10% for Solar Project Land for installation of tracker-based MMS. (Tracker system is not included in bidder's scope). Slope of land would preferably be in one direction for at least 100m length in N-S Direction.
5. Geotech Investigation for Transmission System only as required for Design of Foundations.
6. Fencing of the offered Land including entry / exit gates (minimum 2 per plot) including security cabins (as per Tender Drawing) for Solar Project except Tr. Line related Land.

B. Transmission System Related Works

1. Arrangement of grid connectivity with **ISTS substations in Bikaner**.
2. Design and Construction of EHV Transmission system till ISTS Sub-Station as per technical specifications including arranging for the "Right of Way" of transmission line.
3. Design and construction of terminal bay at ISTS end.
4. Telemetry system for data communication as per specifications.
5. Supply of mandatory spares for transmission line.
6. O&M of EHV Transmission Line and terminal bay at ISTS end for a period of 3 years from the date of Project Commissioning.