

SALIENT TECHNICAL FEATURES

Package Code: 5828

“Salient Technical Features of the systems /equipment/ services are mentioned below. These Salient Technical Features are mentioned only to facilitate the prospective bidders to prima-facie understand the requirements under the tender and shall not in any way limit or alter the scope of work and technical features/specification of equipment/ systems/ services covered in the Bidding Documents.

Detailed provisions in regard of scope of work and technical features/specification of equipment/ systems/ services, contained in the Bidding Document shall be final and binding.”

Salient technical features of the proposed project are as follows:

Name of the Project	LAND AND TRANSMISSION SYSTEM PACKAGE FOR DEVELOPMENT OF SOLAR PV PROJECTS (UPTO 900MW) IN BHUJ AREA OF GUJARAT
Total Project capacity	900 MW
Land Requirement	5 Acres per MW (Usable Land)

1. The Bidders shall bid for either 300MW or 600MW or 900MW.
2. Bidder can provide Government/private contiguous Land (5 Acres/MW) on freehold/leasehold basis in Bhuj Region, Gujarat.
 - The lease period shall be a minimum of 29 years 11 months.
3. Necessary approach road till plot entry and between plots (if not readily available) by self or through State machinery.
4. Topography Survey for Land Parcels and any cutting / Filling with compaction, 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). The 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 for Solar Project except Tr. Line related Land.
7. Submission of relevant inputs and land documents to NGEL for arrangement of grid connectivity with the interconnecting ISTS Substations Bhuj, Gujarat.
8. Design and Construction of EHV Transmission Line from Pooling substation till ISTS Sub-Station including the “Right of Way” for transmission line.
9. Design and construction of terminal bay at ISTS end as per applicability.
10. Telemetry system for data communication as per specifications.
11. Supply of mandatory spares.
12. O&M of EHV Transmission Line and terminal bay at ISTS end for a period of 3 years from the date of Project Commissioning.