

## SALIENT TECHNICAL FEATURES



### 150 MW ISTS CONNECTED WIND ENERGY PROJECT(S) ANYWHERE IN INDIA

IFB No. NRE-CS-5917-003-9

***“Salient Technical Features of the equipment/ systems/ services covered in IFB No. NRE-CS-5917-003-9 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.”***

Total Capacity to be offered by a Bidder	<b>150 MW</b>
Minimum Block Size (Offered block Capacity shall be in multiples 10 MW)	<b>50 MW</b>

- RLMM listed WTG (Wind Turbine Generator) as detailed in technical specification.
- The bidder shall offer land for the offered windfarm with clear title and free from all encumbrances, lines, encroachments or litigation.
- Successful bidder shall submit Micro-siting report and Estimated Annual Energy Generation report duly vetted by NIWE or Equivalent Agency such as DNV GL/UL/VAISALA etc.
- Unshared and Independent SCADA system for control and monitoring and transmission of data as per specification.
- Central monitoring and Control Station (CMCS) and associated civil works as per specification.
- Unshared and Independent Internal Transmission lines from WTGs to pooling substation.
- No sharing on 33 kV side of Pooling S/S of Wind Energy Plant.
- Transmission line for evacuation of power generated from wind energy project.
- Pooling substation and associated civil and electrical works required for interfacing with grid.
- Tariff Meters as per applicable regulation. Telemetry, Power Plant controller and Data communication with applicable LDC for the wind project(s).