

SALIENT TECHNICAL FEATURES



100 MW STU-CONNECTED WIND ENERGY PROJECT(S) ANYWHERE IN MADHYA PRADESH

IFB No. NRE-CS-5919-003-9

“Salient Technical Features of the equipment/ systems/ services covered in IFB No. NRE-CS-5919-003-9 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	100 MW (-0%/ +3%)
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- RLLM listed WTGs (Wind Turbine Generator) as detailed in Technical Specifications.
- The bidder shall offer land for the offered Wind Energy Project with clear title and free from all encumbrances, lines, encroachments, or litigations.
- 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 specifications.
- Central Monitoring and Control Station (CMCS) and associated civil works as per specifications.
- Unshared and Independent Internal Transmission lines from WTGs to Pooling Sub-station. Sharing on 33 kV side of Pooling S/S of Wind Energy Project not permitted.
- Pooling Sub-station and associated civil and electrical works required for interfacing with Grid.
- Transmission line for evacuation of power generated from Wind Energy Project including bay at STU grid sub-station.
- Tariff Meters as per applicable regulations.
- Telemetry, Power Plant Controller and Data Communication with applicable LDC for the Wind Energy Project(s).