

Policy Guidelines for the Development of Wind Farms in Government Land under IPP Category through Private Developers, Dated: 06.11.2004, Kerala (Part-2) Dated: 11.05.2007, 22.11.2008, 22.04.2013

Sl. No.	Description	Summary
1.	Objective	This part of the guidelines addresses the development of wind power in Government lands under IPP category through private developers..
2.	Eligibility	Any individual/ Company/ Body Corporate/ Partnership firm/ Joint Venture, whether incorporated or not, or artificial judicial person is eligible for bidding under IPP category (Developer).
3.	Installed Capacity	Installed Capacity for the development of Wind Farm for each potential site shall be fixed with a view to harness the optimum generation potential.
4.	BOOT Period	<ol style="list-style-type: none"> 1. Government land will be licensed to IPPs on payment of licensing fee for the development of wind power for a period of 20 (twenty) years from the date of allotment. 2. After this period the land with Wind Energy Generators (WEGs), evacuation arrangements and all other facilities shall be returned back to the Government.
5.	Basis of Allotment	Proposals and bids of the pre-qualified applicants shall only be considered for allotment. Criterion for selection from amongst the pre-qualified bidders will be the lowest levelised tariff quoted for the sale of electricity for the entire BOOT period.
6.	Milestones for development of Project	<ol style="list-style-type: none"> 1. ANERT(Nodal Agency) shall scrutinise and take a decision on the Technical Proposal within a period of 120 days from the date of submission, failing which the company shall be entitled to proceed with the project as if the Technical Proposal has been approved. 2. On getting the Technical Proposal approved, the developer shall complete the project after obtaining all necessary statutory clearances within a period of six months from the date of completion of evacuation facility by ANERT.
7.	Technical Proposal	The Technical Proposal shall cover all aspects connected with the development of the Wind Farm including technical specification of WEGs, spacing between WEGs, boundary clearances, evacuation plans, costs of civil and electrical works, cost of WEGs, cost of transmission lines for evacuation of power upto KSEB grid, interconnection point including all metering and protective equipments etc.
8.	Development of the Wind Farm	<ol style="list-style-type: none"> 1. The Developer should develop the Wind Farm at the full installed capacity as per the approved Technical Proposal. 2. Development in stages will not be allowed. Station should be developed and operated in optimum capacity for achieving optimum utilization.
9.	Infrastructure Development	The Developer at their own cost and responsibility shall carry out development of necessary infrastructure facilities such as approach roads, improvements to existing roads etc.

10.	Transmission, Grid Interface, Metering	<ol style="list-style-type: none"> 1. The Developer shall construct and maintain the tie lines/ evacuation lines up to the pooling substation, at their own cost. 2. The Developer shall pay 50% of their share towards the cost of establishment of pooling substation and evacuation line from the pooling substation to KSEB substation/ interconnection point, to ANERT at the time of allotment. 3. Balance 50% of the above cost, to be borne initially by ANERT, shall be paid by the Developer on achieving Commercial Operation Date (COD). 4. Cost of any modification/ up-gradation/ strengthening of substation of KSEB/ STU for drawing power from the Wind Farm shall be borne initially by ANERT, which will also be included in the cost being collected from the Developer.
11.	Maintenance	The maintenance of the project components, equipment and transmission line upto pooling substation shall be carried out by the Developer at his own cost in co-ordination with and as per the directions of KSEB/ STU.
12.	Metering	<ol style="list-style-type: none"> 1. Necessary main and check meters having import–export registering facility and allied equipments as prescribed by KSEB/ STU shall be installed at the interconnection point at the cost of the Developer. 2. Cost of installing and maintaining the meters, CT, PT, protective equipments etc. including their replacements/ repairs whenever necessary shall be borne by the Developer.
13.	Purchase of Power	<ol style="list-style-type: none"> 1. The purchase will be subject to financial viability of such purchase and other system requirements. 2. If KSEB is not intending to purchase the power from IPP, then the Developer is permitted to sell the power to any other party (consumer(s)/ licensee) at rates approved by SERC.
14.	Generation Restriction	In extra ordinary circumstances arising out of threat to security of the state, public order or a natural calamity or such circumstances arising out of public interest the Developer shall have to operate and maintain generating station in accordance with the directions of the Government/ State Load Dispatch Centre (SLDC). In case of shut down no claims on account of loss of generation shall be entertained.
15.	Grid Discipline	The Developer shall operate as per the instructions of SLDC or other grid control centers established by KSEB/ STU.
16.	Consumption Restrictions	The Developer shall abide by grid discipline and will not be eligible for any compensation in the event of grid failure, shut down, interruption in power supply etc., resulting in non-consumption of generated energy.
17.	Technical Requirements	<ol style="list-style-type: none"> 1. The Developer shall install necessary current limiting devices to maintain a power factor more than 0.95 lag. In cases where Developer installs WEGs using induction generator, adequate compensating equipments shall be installed to maintain power factor more than 0.95 lag. 2. The Developer shall pay for the reactive power drawal when the voltage at the metering point is below 97%. SERC may decide the charges for reactive energy used by WEGs. 3. WEGs approved by the Centre for Wind Energy Technology (C-WET), MNES with unit capacity of 500KW and above shall only be installed. 4. The Developer shall comply with Grid Code including load dispatch and system operation schedule, metering, protection code, safety code etc.

		and all accepted codes and prudent utility practices as applicable from time to time.
18.	Technical Information	ANERT will provide available information about wind potential, transmission access etc. to the prospective bidders on payment.
19.	General Conditions	<ol style="list-style-type: none"> 1. The Developer shall pay taxes, duties and other levies to the Central/ State Government as per statutes and rules in force. 2. Once the land is allotted, no transfer of land other than take over by Government is allowed. However, if it so requires, the Government reserves the right to re-auction/ rebid the same land. 3. The allotment of Government land is only for the development of wind power and the land shall not be used for any other purpose. 4. In case of dispute, the interpretation of the guidelines by the Government shall be final. In all such matters, to the extent possible, an opportunity will be given to the affected stakeholders.