

SRIJAN ENERGY SYSTEMS PRIVATE LIMITED

ANNEXURE – 9

JUSTIFICATIONS FOR LOCATING PROJECT IN FOREST AREA.

M/s. Srijan Energy Systems Private Limited is developing 150 MW wind farm project at Kutch. Srijan has awarded the EPC work of 220 KV Overhead Transmission Line to M/s. Kintech Synergy Private Limited, Ahmedabad which is approx. 22 Kms. The transmission line start from 220 KV Wind farm substation (SESPL) at Village : Morjar and terminated at 765/400/220 KV Bhuj-II PS (PGCIL) at village: Jadodar kotda, Tal. Nakhtrana. The line is crossing Bhuj-Lakhpur road at Village: Vigodi, which are declared as a protected forest.

In continuation of the availability of wind energy, construction methodologies to be adopted for different terrain encountered enroute, design and engineering factors, availability of logistic support during construction, various feasible routes were identified by our company based on desk study of relevant topographic maps of survey of India.

Methodology of selection of Transmission Line route:

Relevant topographic maps along with the various alternative line routes were identified. After conducting a detailed desktop study of the alternative routes on the topographic sheet the feasible routes were identified. This was subsequently supplemented with route reconnaissance data collection along the feasible routes for arriving at the optimum route.

Looking to our primary survey, most of our transmission lines will pass through private and Government waste land. As our line length is approx. 22 KM, we have tried to cross minimum road side protected forest, but aforesaid highway crossing is un-avoidable which area is 0.091 Hectare.

As details above to most the sufficient requirement and looking to expenditure financial angle, installation is quite essential and can suffice the power demand in the state. We are seeking your approval for diversion of forest land for our 220 KV transmission line.

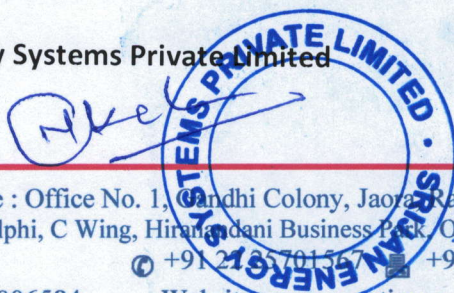
Factors considered:

While identifying the various alternatives for selection of the optimum route following factors were considered.

- Use of barest minimum forest land.
- Compliance with environmental regulations.
- Safety of people and property.
- Shortest possible transmission line length.
- Minimum number of bends.
- Avoidance of mining protected and reserved forest archaeological and other sensitive areas.
- Minimizing flood prone areas.
- Feasibility for future expansion.

Based on the above detailed route surveys have been carried out to finalize the exact route laying the transmission line.

For, Srijan Energy Systems Private Limited



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