JUSTIFICATIONS FOR LOCATING PROJECT IN FOREST AREA.

(Diversion of 7.819 Ha. Section 4 forest of Village : Devisar, Ta: Nakhatrana, Dist: Kutch, Gujarat)

We have been awarded to set up 250 MW under SECI1 & 250MW under SECI 2 (total 500MW) wind power project connected through ISTS (Inter State Transmission System). We have been granted connectivity approval from 765/400/220kV Power Grid Corporation of India Limited Grid Sub Station, Nirona, Bhuj, Gujarat for transmission of generated power.

In context to above, we would like to construct 220 KV EHV line passing through different villages of Nakhatrana & Lakhpat Taluka of Dist. Kutch. We have taken extreme care to avoid the forest area while planning & surveying complete transmission line.

Methodology of selection of Transmission Line route:

In continuation of the 100% availability of wind energy, different construction methodologies are adopted for different encountered terrain. Design & engineering factors, availability of logistic support are well evaluated for various feasible routes during construction. Desktop study of relevant topographic Survey of India maps are also conducted to conclude the final execution plan.

Subsequent to above evaluations final route and execution methodology is concluded for further line construction.

To the best of our effort, most of our transmission lines will pass through private and Government waste land. However, at one place, it is absolutely not avoidable out of the entire line length of 73 KM. The details of this minimal line section and area calculations in-line-with Right to Use guidelines are as under-

Div	Tower No		Type of Forest	RoW (MTR)		Area (Sq.Mtr)	Area (Ha)	Village
	From	To		Length	Width			
1	AP-26/0	AP-29/0	Section-IV	2234	35	78190	7.8190	Devisar
	Total Area Req.					**78190**	**7.8190**	

This selected route will have not utilization of forest area, but utilized minimum Land notified under Section-4.

Factors considered:

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

- Use of barest minimum forest land / Use of only Land notified under Section 4.
- 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, **INOX Wind Infrastructure Services Ltd.**

Authorized Signatory