

## CHECK LIST NO-9


### **JUSTIFICATION FOR LOCATING THE PROJECT (Hail HEP (18MW) IN FOREST AREA**

After detailed study of the topography and geology of the project, a reconnaissance of the area was undertaken by experts comprising of Design engineers, Hydro project experts, a Geologist and other field experts. Out of various alternatives studied the proposed scheme attached for the forest clearance comprising of Intake basin on right bank of Cheni Nallah, underground HRT,S/ Shaft, Penstock and Power house on right side of Cheni Nallah has been considered as the best option in view to utilize the best combination of head and discharge with minimum unavoidable forest land involved. By very nature of hydroelectric project, intake /diversion structure has to be located across the river that is usually a forest area in hilly regions.

- Every efforts have been made to use the minimum forest land by route surveillance and trying three options liken Alternate I, II and III as mentioned in the layout.
- The alternate III being genuine and feasible was approved on the spot by the joint inspection committee of the SDM Churah, Divisional Forest officer, Salooni and other representatives of other concerned departments like PWD, Jal Shakti Department, PCB etc along with representatives of user agency.
- The selected site of components of the project approved by the joint Inspection Committee does not pass through any reserve forest.
- It avoids passing through forest of any Wild Life sanctuary area.

From the aforesaid facts, the land identified sites and alignment of this project in forest land involving minimum use of forest land is justified.

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