

Full Title of the Project :- Lower Bhagair Hydro Electric Project. 732
File No. :- FP/HP/HYD/49792/2020.
Date of Proposal :- 05/10/2020.

CHECK LIST SERIAL NUMBER 10
JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

The Lower Bhagair HEP (1MW) is a linear project and all possible steps have been taken to avoid the alignment through Forest area. In case where it becomes unavoidable due to geography of the terrain, the alignment is made in such a way that the all components of the project coming in the forest area is the barest minimum, however the forest and private land have been traversed through as required at most necessary. The small hydro project is environmentally friendly and do not involve any disposal of soil effluents and hazardous substance of land.

The Joint inspection conduct on 28-11-2018 during the course of joint inspection three (3) alternates' examined by the committee as proposed by the project authorities and found that all the alignments need to pass through the forest land.

The project requires .7903 Ha. of forest land required for the contraction of lower Bhagair Small Hydro Electric project (1MW) on Kunr Khad sub tributary of Ravi River, Left bank Ravi River for various Project components such as weir site, intake tank, water conductor system, Desilting Tank, Dumping Sites, Four Bay, Penstock, Power House, Switch Yard, some portion of approach road and transmission line.

In Alternative-1 All the project components which have been proposed for construction on the right bank of Kunr as the technical feasibility. While the some part of transmission line constructed on right bank of Kunr requires minimum use of forest land. Forest area required is .7903 Ha. forest and minimum no. of trees involved.


In Alternative -2 All the project components which have been proposed for construction on the left bank of Kunr. In this proposal the length of pipeline increases by 450 meters which will be increases the requirement of forest land. From alternative-1 the forest land required will increases by about .1160 Ha of forest land more than the alternative -1.

In Alternative -3 The one of the project component water conductor system of the project is proposed as open channel. This option will also increase the required area under forest land as well as no. of trees from the alternative -1. The forest land required will be increase up to 15% more than the alternative -1 i.e. the forest area will be about .1500 Ha more than the alternative-1.

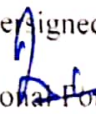
The alignment of Alternative 1 has been finalized as the most preferred and suitable alignment by the committee of SDM, DFO and other revenue & forest officials, after site inspection as it involves minimum no. of trees in its alignment. It is further stated here that Alternative 2 and Alternative 3 have also been explored but both the Alternatives are involving more no. of trees as alternative -1 as well as more forest land and are technically unsuitable.

Keeping in view the above aspects and technical requirements for the construction of above project coupled with the consideration of diverting the minimum forest land and other environmental factors, the requirement of forest land (.7903 Ha.) appears to be quite reasonable and it is minimum. The diversion of the above forest land is un-avoidable for the construction of the project under proposal. There is no public utility scheme on the area purposed for the diversion or going to be effected due to the diversion of this forest land.

Date: 17/02/2021
Place: Chamba


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