



M/S APG CONSTRUCTIONS

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Ref.No. APG/Forest/Apr 2016 - 124

Date: 8/04/16

Full Title of the Project: Proposal for diversion of 0.0737 ha of forest land for construction of (2x50 kW) Chandimandir Hydel Power, Village Chandimandir, District Panchkula.

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

Chandimandir Micro Hydel Project (100 kW) is proposed to be developed along the banks of river Kaushalya, Panchkula. The proposed project is a run-off the river project and does not require any pondage. No pondage or submergence of land is involved in the construction of the project. Only small structures in the form of Desilting and forebay tanks, Penstock and Feeder pipes, staff quarters and Powerhouse are required be constructed along the river banks. The project will not generate any smoke or contaminate air or water. The development of small hydro projects, especially micro hydel projects do not have any adverse effect on environment and therefore, the requirement of Environment and Pollution clearance is also not required for Mini and Micro hydel projects below 25 MW (25000 kW), stipulated vide EIA notification dated 14/9/2006.

For the development of the project, the hydrological, topographical and technical studies were carried out and accordingly, the alignment of the project components was worked out. The said alignment passes through both non-forest and forest land in village Chandimandir. The possible alignments were examined to find minimum or no requirement of forest land. Thereafter, the proposed alignment was affirmed which requires diversion of only 0.0737 ha. forest partially along the left bank and partially along the right bank of the river.

There is no other feasible alignment of the project and the requirement of diversion of forest land cannot be avoided since the land falling on both sides of the river fall under forest land. On the left side of the river, there are a greater number of trees, therefore, major part of the alignment has been proposed along the right bank of the river. The proposed alignment envisages requirement of minimum forest land and as per our opinion, will not require nay tree to be cut down. Moreover, keeping the technical design of the project in consideration, the proposed alignment is the only technically and financially feasible alignment of the project.

Date: April 8th 2016.

Place: Chandigarh

