

# Dani Maha Mai Hydro Power Project

Broad at Alluground P.O. Kalath Tehsil Manali Distt. Kullu HP

Mob. No. 94181-02338

**Full Title of Project:** Diversion of 0.6995 Ha. of Forest Land for Construction of Barod SHEP 1.00 MW, Tehsil Manali, Kullu Forest Division, Kullu at Distt. Kullu (H.P.)

File No. :  
 Proposal No. : FP/HP/HYD/21645/2016  
 Date of Proposal : 05/01/2017

## CHECK LIST SERIAL NUMBER-11

### CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposal is unavoidable and barest minimum i.e. 0.6995 ha. Which is proposed diversion for construction of 1.00 MW BAROD SHEP.

Date: .....

Place: Kullu

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 Dani Maha Mai Hydel Project  
 ALOGROUND, MANALI  
 DISTT KULLU (H.P.)

**Authorized Signatory**

*Chauhan*  
 Range Forest Officer  
 Forest Range Manali

**Countersigned By:-**

*h.*  
 Divisional Forest Officer  
 Kullu Forest Division, Kullu  
 Forest Division Kullu (HP)

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**ALTERNATIVES EXAMINED AND REASON FOR THEIR REJECTION**

Hydro Power Project envisages utilization of power potential available in the lower reach of Barod nallah. This nallah flows in narrow gorge and through steep hilly terrain. There is an irrigation canal just downstream of proposed weir which irrigates the entire land Barod villagers. The requirement of water for irrigation remains almost 8 months that's why the location of powerhouse is shifted from 1740 to 1872. Upstream of 1872 there is no consumptive use of water, so the benefit of the following water can be derived from power generation only.

Right bank of the stream is also quite stable but there is no space for c/o power house. Moreover, lots of apple orchards are coming in the alignments for which more compensation will have to be paid, So it has been finally decided to keep the entire component in the left bank.

No other viable alternative is available for the project, so it has to be as such located in the forest land. Before finalizing this layout, three alternatives have been explored as under:-

**Alternative -1;** As the alternative-1 involves the area of 0-29-21 ha. Which is greater than the area involved in alternative -3 and also involves more nos. of trees including the sliding zones involving in it causing slides during & after construction of Project due to loose strata

**Alternative-2.** As the alternative-II involves the area of 0.6995 ha. Including area of transmission line and road. Since the alternative -2 is one conveying minimum disturbance to the local population and forest area involving minimum Nos. of trees, keeping in view the other technical parameters required for the construction of the project ;-

1. This route is the shortest.
2. All the components are on safe places.
3. Least No. of trees under cutting/trimming as compare to other routes.
4. Forest/Govt. land involvement is least in this route.
5. This alternate is geologically suitable for the construction of various components.

**Hence alternative-2 is selected and finalized for construction of this project.**

**Alternative-3.** As the alternative-III involves the area of 0-27-37 ha. of forest land and it is passing through involving more trees and, hence the alternate 3 is rejected.

Date: 01.01.2022.

Place:Kulu,HP.

*Chh*  
Darl Maha Mai Hydel Project  
MOGROUN, MANALI  
DIST KULLU (H.P.)

*Chh*  
Range Forest Officer  
Forest Division Manali

*Chh*  
Divisional Forest Officer  
Kullu Forest Division Kullu