

No. FCA/Gen./ 5984 /

H.P. Forest Department.

Dated D/Shala, the/ 13-12-22 /

From : D.F.O. Dharamshala

To : C.C.F. (T) Dharamshala.

**Subject:** Diversion of 0.5151 ha. of forest land in favour of Mongra Hydro Construction Private Limited Ward No. 3, Post Office Yol Jharer, Tehsil Shahpur, District Kangra, HP for the construction of Lower Iku - I Small Hydro Project, within the jurisdiction of Dharamshala Forest Division, District Kangra H.P. (**Online Proposal No. FP/HP/HYD/41533/2019**).

**Memo :**

Kindly refer to the EDS raised by Regional Officer, Integrated Regional Office, Ministry of Environment, Forest & Climate Change, CGO Complex, Shivalik Khand, Longwood Shimla -1 vide office letter No. FC/HPB/01/25/2021/524 dated 07.10.2022 on the subject cited above.


2. The point wise reply to the observations furnish as under :-

- i. The Transmission Line in KML file is proposed in the extant proposal is not connected with any sub-station. Clarification in this regard as given by the User Agency are as under :
  - i. The Sub-station and existing Transmission Line Network has been marked in the KML file.
  - ii. Detailed Power Evacuation Plan mentioning the Evacuation of Power from Power House of extant Project upto sub-station of HPSEB Ltd. is uploaded against additional information detail. It is further mentioned that as per TEC accorded (Point 2 (xvi) 1.), the power from the Power House shall be interfaced through existing 1.6 KM 11 kV Kand Kardiana feeder which has been marked in the KML file.
  - iii. The power from the Power House shall be interfaced through existing 1.6 KM 11 kV Kand Kardiana feeder. Grid Plan showing Power Evacuation of extant project is uploaded against additional information detail.
  - iv. The Joint Evacuation Agreement between Lower Iku and Lower Iku I for Joint Evacuation of Power has been uploaded against additional information detail.
- ii. As submitted by the User Agency, an undertaking regarding "all the conditions stipulated in NOC issued by IPH Department shall be adhered strictly by the User Agency" has been uploaded against Additional Information Detail. Further the location of Kuhis below and above from the Weir Site have been marked in KML file and Layout Plan and uploaded online.
- iii. The reply / clarification with regard to Point No. 3 as submitted by User Agency are as under :
  - i. Detailed list of approved / existing proposed project in the River Basin Area / Landscape with Power Evacuation / Transmission Plan of each HEP has been uploaded against Additional Information. Further it is submitted that being run of river schemes, there is minimum impact on the ecology of the area. Effective implementation of the policies framed by the Government i.e. free flow of 15% discharge downstream of Weir Site and free flow of water in the Kuhls etc. has helped to restore the ecological effect in the area. Being small streams having limited catchment area, the quantity of silt is very less. So all measures are taken to mitigate the ill effect on the ecology of the area.
  - ii. The KML file and geo reference map showing boundaries of nearest protected area (PA) and their Eco-sensitive Zone (ESZ) along with the distance of each HEP in the area / landscape from the PA and ESZ has been uploaded against additional information detail.

- iii. The Discharge data showing volume of water available in the nallah for two lean season along with water to be utilized to run the Project and maintenance of e-flow has been uploaded online against additional information detail. An undertaking to ensure free flow of 15% discharge has been uploaded online in Part I.
- iv. The Beas Basin in Himachal Pradesh has 4877.00 MW of power potential (for > 5 MW projects), out of which 22 Projects having 2820.90 MW capacity have been commissioned, 5 Projects having installed capacity of 947 MW are under construction, 20 Projects having total capacity of 1028.90 MW are at various stages of investigation and 4 Projects having installed capacity of 80.20 MW are yet to be allotted. The Projects having installed capacity of 668.54 MW of potential (for < 5 MW projects) have been allotted to the Independent Power Producers (IPP) in the state and projects of 268 MW capacity have been commissioned so far and remaining projects are in different stages of clearance.
- v. The area proposed for Compensatory Afforestation is degraded forest land with bushes and under growth economical species so suitable for plantation of 1100 plants per hac. A Certificate in this regard along with photographs of the area proposed has been uploaded online with this reply.
- vi. The area proposed for Compensatory Afforestation is degraded forest land notified as UPF/DPF under IFA, 1927 and is in possession of State Forest Department.
- vii. As submitted by the User Agency, comments and correspondence w.r.t. mitigate measures to address the Projects upto 25 MW as received in similar case of Suil IV SHEP from the Directorate of Energy GoHP Shimla which states that "Hydel Projects upto 25 MW does not fall in purview of Environment Impact Assessment Notification, 2006 and its subsequent amendments". The letter in this regard issued by Directorate of Energy, GoHP, Shimla addressed to The Nodal Officer-cum-APCCF (FCA), Shimla, alongwith its enclosures has been uploaded against additional information detail.

It is therefore, requested that the necessary approval for the diversion of 0.5151 ha of forest land for the construction of above mentioned project may kindly be obtained from the Govt. of India under Forest (Conservation) Act, 1980 and conveyed to this office.

Encl: As above.

  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala.

**DIVERSION OF 0.5151 HA. OF FOREST LAND FOR CONSTRUCTION OF LOWER IKU - I**  
**SMALL HYDRO PROJECT 1 MW IN DISTRICT KANGRA (H.P.)**

**FILE NO. : FP/HP/HYD/41533/2019**

**DATE OF PROPOSAL :**

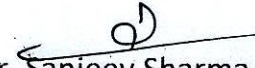
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**“SUITABILITY CERTIFICATE BY THE DFO”**

This is to certify that 1.03 ha. land bearing Survey No. / Compartment No UP 145K Dhar Narwana, of Village Dhar Narwana, Malan Forest Range, Dharamshala Forest Division identified for Compensatory Afforestation for plantation of 1030 number of Plants in lieu of 0.5151 ha of Forest land being diverted for construction of Lower Iku – I Small Hydro Project, is not MDF. The proposed area is degraded forest land having a crown density of less than 0.3 having bushes and under growth economical species so seems to be MDF, but the site is suitable for plantation of 1100 plants per hectare.

Place : Dharamshala

Dated : 13-12-2022

  
Dr. Sanjeev Sharma (HPFS)  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

1. No. & Name of Forest:- U.P. 145K Narwana.

2. Compartment/  
Sub-Comptt. 12

3. Gross Area 102.77 Ha(254 Ac) Included Cultivation Area 5.66 Ha(14 Ac) Net area 97.11 Ha(240 Ac)

By compartment			By Species			By Tikas			
Compt/ Sub.- Comptt.	Area		Species	Area		Mauza	Tikas		Ac.
	Ha	Ac		Ha	Ac		Ha	Ac.	
12	102.77	254	Ban	2.43	6	Narwana	Chakban		
			Cul.Blank	93.06	230		Chander-		
			Uncul.Blank	1.62	4		Bhan	17.00	42
			In.culti.	5.66	14		Kand	79.21	196
						Bagyara	6.48	16	

4. Situation:- Situated on the right bank of Bhagan Khad.

Boundaries:-

North:- C.10  
East:- Bhagan Khad.  
South:- Mauza boundary.  
West:- C.9

5. Locality factors:-

Elevation:- 1128m to 2043.50m (3700' to 6700').  
Aspect:- Southern.  
Slope:- Moderate to very steep.  
Rock:- Sandstone, Gneiss & Micaceous schist.  
Soil:- Moderately deep sandy loam.

6. Growing stock:-

The extreme northern top portion of the comptt. carries a small patch of stunted Ban oak. Rest of the area is practically blank & devoid of tree growth. A very light scattered, but heavily grazed bushy growth consists of Berberis, Pyrus & Rubus etc.

7. Allotment:- Protection Working Circle. ( V.C.Felling Series).

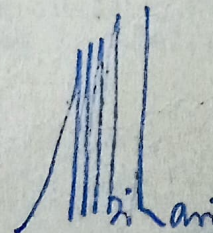
8. zamindari share:- In proportion to the trees felled in each tika.

9. Prescriptions:- Area to remain open.

10. Past History:- -

11. general :- -

Description by Sh. M.B. Srivastava  
E.A.C.F.

  
(M.B. Srivastava)  
A.W.P.O.

