

No.Ft. 48-5413/2021 (FCA),
Forest Department, Himachal Pradesh

From: Pr. Chief Conservator of Forests (HoFF),
Himachal Pradesh, Shimla-1.

To: The Regional Officer,
Integrated Regional Office GoI, MoEF&CC,
CGO Complex, Shivalik Khand, Longwood,
Shimla, Himachal Pradesh.

Dated Shimla-1, the

12 JAN 2023

Subject: **Diversion of 0.8700 ha. of forest land in favour of BBMB Sundernagar, for the construction of Hydro Power Project Baggi (2x21 MW), within the jurisdiction of Suket Forest Division, Distt. Mandi, Himachal Pradesh. (Online No. FP/HP/Road/144511/2021)**

Sir,

Kindly refer to your office letter No. FC/HPB/01/134/2022 dated 04.10.2022 on the subject cited proposal.

2. The pointwise reply to the observations as raised vide your above referred communication is submitted as below:-

1. The user agency has submitted that the revised layout plan with all required components both in forest and non forest land in distinct colors alongwith Khasra wise details has been uploaded against additional information details in online Part-I.
2. The user agency has submitted that excavation for surge shaft in area will be one at natural angle of repose. Slope protection works i.e., rock bolting, short creating and other passive protection works like retaining wall & breast wall will be used as mitigation measures to arrest the soil erosion/land slide during/after execution of project. The Soil & Moisture conservation Plan to protect the soil erosion is given as under:

S.N.	Description of work	Qty. (lumsun)	Rate (Approx.)	Amount
1.	C/o C/dams or C/wall in Khyuri Nalla	10	25000	25000
2	C/o C/dams or C/Wall in Kandlu Nala	10	25000	25000
3	C/o C/dams or C/Walls in Bhebli Nala	10	25000	25000
	Total	30		75000

3. The FRA is under process, an undertaking has been uploaded against additional information details in online Part-I.
4. The user agency has been uploaded the NOC/Gift deeds/ Affidavit of the Non-Forest land involved in the project against additional information details in online Part-I.
5. The user agency has submitted that the proposed project is located on the existing water conductor system of Beas Satluj link project (BSL Project) which was commissioned in July 1977 and as such already diverted water from Pandoh Dam through Pandoh Baggi Tunnel (PBT) will be used as alternate way to generate power from available power potential at Baggi control Works. Since no new/additional diversion of water is to be done for Baggi HEP and hence, no permission/NoC regarding diversion of water is required for this project.
6. The user agency has submitted the correct undertaking mentioning the title of the project has been uploaded online Part-I.
7. The revised KML file alongwith digital map has been uploaded at para 13 in online Part-II.
8. The user agency has been uploaded the brief note of the project against additional information details in online Part-I.
9. The revised KML file of proposed project has been uploaded at para C in online Part-I.
10. The user agency has submitted that the environment clearance for Baggi HEP is under process, will be submitted before Stage-II approval.
11. The user agency has submitted that Baggi HEP project was conceived during execution of BSL(P) and some of its component i.e., bypass tunnel, part of surge shaft was already constructed during construction of BSL Project i.e. Nineteen seventies, with construction of bypass tunnel and part surge shaft for this project location/layout of Baggi Power Project component had already been fixed during execution of BSL Project and hence at present, it is not feasible to change the location/layout of the project. Trees marked on the plan are as per the components fixed and is as per minimum requirement for construction of project component falling in the forest area. Therefore all of the trees marked on plan area required to felled and none of them can be retained for not felling.
12. The user agency has submitted that the 241 Nos. total trees standing over the construction site and all are required to be felled. As per density calculation formula it is calculated 0.37 which falls under definition of open forest. The user agency also submitted an undertaking for saving the green trees in much disposal site has been uploaded against additional information details in online Part-I.
13. The abstract of trees has been uploaded against additional information details in online Part-II.
14. The user agency has submitted that proposed Baggi Power Project (2x21 MW) is a Hydel project which will use already diverted water for existing BSL(P) for generation of power and therefore mining plan is not applicable for this project.

Please refer the schematic layout plan of Beas Satluj Link Project for which it is clear that proposed Baggi Power Project is located on the existing water conductor system of Beas Satluj Link Project and already diverted water from Pandoh Dam through Pandoh Baggi Tunnel for BSL (P) will be used as alternate way to generate power at Baggi. No new/ additional diversion of water from beas river will be done for Baggi power project and consequently no additional water will be released in Satluj river at Dehar Power House. Hence there will be no change/ adverse impact will take place in both Beas and Satluj River basins. However, CAT Plan of existing BSL Project was approved in Year 2009. The CAT Plan has been uploaded against additional information details in in online Part-I.

15. The muck management plan showing swell factor, capacity etc., has been uploaded against additional information details in online Part-I.
16. (i) The user agency has submitted that the capacity of Transmission line is double circuit 132 KV line with ACSR Panther conductor.
(ii) The evacuation of power from Baggi Hydro Power Project is proposed through LILO of existing 132 KV single circuit Kangoo-Bajoura transmission line has been uploaded against additional information details in online Part-I.
(iii) The user agency has submitted that 132 KV transmission line for power evacuation of Baggi HEP will be overhead line above ground.
17. (i) The user agency has submitted that the detailed list of proposals approved/ existing proposed in Beas river basin area has been uploaded against additional information details in online Part-I.
(ii) The user agency has submitted that as per report Bandli ESZ is the draft notified ESZ in the vicinity of proposed Baggi Power Project. It is not relevant to show all the HEPs of Beas river basin on KML file and hence online the HEPs within a radius of 25.0 KM Baggi Power Project has been shown on the KML file. Distance of the project from nearest PA has also been marked and shown in the KML file, which has been uploaded at para C in online Part-I.
(iii) The user agency has submitted that the approved capacity in terms of hydro electricity generation potential of Beas River is 5241 MW. The list of HEPs on Beas River Basin showing their individual power potential and total power potential of River Beas has been uploaded against additional information details in online Part-I.
18. (i) The user agency has submitted that the forest land proposed for Compensatory Afforestation is DPF Murahdhar.
(ii) The land suitability certificate for CA has been uploaded against additional information details in online Part-II.
19. The district profile has been reviewed/rectified at para 14 in online Part-II.
20. The TEC (Techno Economic Clearance) has been uploaded against additional information details in online Part-I.
21. The Implementation Agreement has been uploaded against additional information details in online Part-I.

22. The Joint inspection report of the proposed project has been uploaded against additional information details in online Part-I.
23. The user agency has submitted that the details of purpose wise and component wise breakup of proposed area showing khasra number in Forest and Non Forest land has been uploaded against additional information details in online Part-I.
24. The DFO concerned has submitted that the legal status of proposed area mentioned as Charagah villa Drakhtan and it is govt. Waste land declared as PF under HP Govt. Notification, 1952 and the land is in possession of Forest Department.

Yours faithfully,


Nodal Officer-cum-APCCF (FCA)
O/o Pr. CCF (HoFF), H.P.