

No. D-V-594/G/ 5283
HP Forest Department

Dated Chamba, the 28/9/2022

From: Chief Conservator of Forests, Chamba-176 310. To Nodal Officer-Cum-APCCF (FCA) O/O Pr. CCF, H.P. Shimla.

Sub: Diversion of 211.8427 hectare of forest land for the construction of Dugar 500 MW Hydro Electric Project in favour of NHPC, within jurisdiction of Pangi Forest Division, District Chamba.

Memo,

Kindly refer to GoI, MOEF &CC, New Delhi office letter No. 8-15/20225-FC dated 03.08.2022 on the subject cited above.

2. In this connection, it is submitted the observations raised by letter under reference have been attended by the user Agency as well as DFO Pangi. The point wise reply to the observations as raised is given as under:-

- i. User Agency has submitted that the power potential of Dugar HE Project has been revised from 449 MW to 500MW due to updation of water availability series from 1974-2012 to 1981-20250 to CWC. The power potential studies were reassessed and installed capacity and design energy were enhanced from 449 MW to 500MW and 1616.90 MU to 1758.40 MU respectively. The clearance/approval of revised Power Potential Studies from 449 MW to 500MW has been obtained from CEA, GoI, Ministry of Power vide letter dated 22.10.2020 and 27.12.2021 (copy enclosed herewith Page No. 219 to 226). Accordingly, MoEF&CC vide letter NO. F. No. J-12011/082020-IA. I dated 08.02.2021 (copy enclose form page No. 168 to 176) has amended in TOR for revised installed capacity from 449 MW to 500MW. This enhancement does not involve any change in required Forest land and dimensions of Project components.
- ii. KML files of Submergence including river area, Dam, Approach Road, Quarry area, Barrow Area etc.) of actual area for diversion of 211.8427 hectare Forest Land has been revised (copy enclosed herewith Page No. 227-238) and uploaded on PARIVESH portal.

- iii. DFO Churah has submitted that CA sites have been re-visited and modified as per suitability and feasibility for carrying out plantation.
- iv. DFO Churah has submitted that the CA sites have been re-visited and suitable areas free from all encumbrances have been identified as per the suitability and feasibility for carrying out plantation. Forest density classes of proposed CA sites are varying from 0.1 to 0.35. The CA scheme has been revised as per the modified CA sites and enclosed herewith, Page No. 256-282, and the same has been uploaded on the PARIVESH portal against additional information.
- v. User Agency has submitted CAT Plan of the project amounting to Rs. 5090 lakh as part of EIA study for environment clearance has been prepared by the Independent Authority/Consultant as per Terms of Reference (ToRs) issued by MoEF&CC vide letter No. F. No. J-12011/08/2020-IA-I dated 05.08.2020 and submitted to APCCF (Nodal Officer) FCA, HP for approval vide his letter No. NH/DHEP/382 dated 31.03.2022 (Copy enclosed at page 239).
However, CAT Plan of the project has been revised to Rs. 5981.03 lakh in view of revision of total cost of Project to Rs. 3987.34 crore during technical Concurrence by CEA, MoP, GoI vide letter No. CEA-SY-25-44/3/2020-PAC Division/74-115 dated 26.04.2022 (Copy enclosed from page No. 240 to 246). As such, the revised CAT Plan of the project amounting to Rs. 5981.03 Lakh (1.5% of the project cost) was submitted for approval to APCCF (Nodal Officer) FCA, HP, Shimla vide his letter No. NH/DHEP dated 23.08.2022 (Copy enclosed at page 247). After approval of CAT Plan, the same will be submitted.
- vi. Grazing pressure due to cattle, sheep and goad on proposed CA plantation area shall be mitigated by providing RCC fencing with four strand barbed wire and monitoring which is covered in proposed CA scheme.
- vii. It has been submitted that the Muck Dumping site involves 8.5797 hectare forest land and job facility area 7.08 hectare forest land as per requirement of the Project. The total land required for the construction of project is 220.62 hectare, out of which 211.84 hectare is forest land remaining 8.78 hectares in non-forest/private land. As per the requirement, a singly patch of 8.5797 hectare forest land has been identified and found suitable for temporarily disposal of muck and 7.08 hectare forest has been found suitable for temporarily job facility. Both the

temporarily muck dumping and job facility area will be handed over back to Forest Department after completion of construction and reclamation of project site. A restoration plan proposed under EMP for muck dumping site and Job facility area is enclosed at Page 248 to 255.

Three possible alternatives were examined prior selection of this alignment as detail given in the justification report, and best suitable alternative having minimum forest land and number of trees was selected. Technical Concurrence issued by the CEA on dated 26.04.2022 is enclosed at page 240 to 246.

The possibility of locating muck dumping site and job facility area in Private land/non-Forest land in nearby area has been examined/explored, but possibility of taking up the muck dumping site and job facility area in non-forest/private land is not possible due to non-availability of suitable non-forest/private land in and around the area proposed for diversion.


Submitted for favour of your information and necessary action please.

Encl:- As above.


Chief Conservator of Forests,
Chamba Forest Circle, Chamba. 

Endst.No.D.V-594/G/ 5284 Dated Chamba, the 28/9/2022

Copy is forwarded to DFO Pangi with reference to his office Memo. No 2693 dated 16.09.2022 for information please.


Chief Conservator of Forests, (T)
Chamba Forest Circle, Chamba 