



F. No. J-12011/18/2015-IA-I [R] Pt
Government of India
Ministry of Environment, Forest and Climate Change
(IA.I Division)

2nd Floor, Vayu Block,
 Indira Paryavaran Bhawan,
 Aliganj, Jor Bagh Road,
 New Delhi-110003

Dated: 18th March, 2021

To,

The Additional General Manager
SJVN Limited
 Room No. 104, Himfed Building,
 New Shimla, Himachal Pradesh

Sub: Luhri HEP Stage - 1 (210MW) Project in Shimla District of Himachal Pradesh by M/s SJVN Corporate Environment - Amendment in Environmental Clearance (EC) - reg.

Sir,

This has reference to your, online Proposal No. IA/HP/RIV/29585/2015, and letter no SJVN/CC/ENV/24/18-1922 Dated 14.08.2018 submitted to the Ministry for an amendment in EC to the project cited in the subject.

2. The above referred proposal was considered by the Expert Appraisal Committee (EAC) for River Valley & Hydroelectric projects in its 7th meeting held on 5th February 2021. The comments and observations of EAC on the project may be seen in the minutes of the meeting which are available on the web-site of this Ministry.

3. Luhri HEP Stage I (210MW) Project in Shimla District of Himachal Pradesh was accorded Environmental clearances vide dated 17.03.2020. Online application for amendment in EC was submitted to the Ministry for an amendment in EC with respect to muck management plan and total land requirement. It has been informed to this Ministry that the earlier proposed private land for dumping site was to be acquired under RFCTLARR Act, however since the cost of land has increased considerably, new cheaper patches of private land have been identified which are available on lease basis. As a result, the number of dumping sites have revised from 2 to 5 and land is increased from 10.1314 ha. to 13.6676 ha. Consequently, the total land requirement of the project (Pvt. and Forest) is now 153.5564 ha. Revised details of muck disposal against the originally proposed details are as under:

Table-1: Details of Dumping Sites

Dumping site	Distance from HFL (in	Earlier Land (Area in ha)				Revised Land (Area in ha)				Remarks
		Mohal	Tehsil	Govt.	PVT.	Mohal	Tehsil	Govt.	PVT	

	Meter)									
DS-1; Near BehraKhad : (31°21'0.20" N 77°31'23.04 "E)	811.60 m	Naula	Kumarsain	0.3553	1.3085	Naula	Kumarsain	0.3553	1.3085	Same Portion of private land removed
		Narola	Rampur	-	0.4248	Narola	Rampur	-	-	
DS-2; Near cold storage at Bithal: (31°21'11.70"N 77°29'43.62"E)	813 m	Charonta	Kumarsain	0.0779	0.3485	Charonta	Kumarsain	0.0779	1.3607	Private land increased
		-	-	-	-	Rewali	Kumarsain	-	0.9339	
DS-3; Near cold storage at Bithal. (31°21'12.01"N 77°29'37.99" E)	812.8 m	Rewali	Kumarsain	0.4706	7.1458	Rewali	Kumarsain	0.4706	1.8786	Private land decreased
DS-4; Near Duttnagar (31°23'44.62"N 77°35'07.45"E)	858.50 m	-	-	-	-	Duttnagar	Rampur	-	5.0645	New Dumping
DS-5; Near Duttnagar (31°23'44.18"N 77°34'46.50"E)	857 m	-	-	-	-	Duttnagar	Rampur	-	2.2176	New Dumping
Total			0.9038	9.2276		Total		0.9038	12.7638	
		10.1314 ha				Total	13.6676 ha			

Table 2: Quantity of muck to be disposed at different muck disposal sites

Dumping			Originally detail	proposed	Revised detail
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DS-1	Near BehraKhad	31°21'0.20"N 77°31'23.04"E	126464	114753	95,778	63,445
DS-2	Near cold storage at Bithal	31°21'11.70"N 77°29'43.62"E	1992113	1797793	7,03,518	6,29,961
DS-3	Near cold storage at Bithal	31°21'12.01"N 77°29'37.99"E			2,93,375	2,33,440
DS-4	Near Duttnagar	31°23'44.62"N 77°35'07.45"E	-	-	9,69,062	8,58,258
DS-5	Near Duttnagar	31°23'44.18"N 77°34'46.50"E	-	-	1,58,738	1,27,441
	TOTAL	-	2118577	1912546	22,20,471	19,12,545

4. EAC in the 7th meeting held on 05.02.2021 considered the proposal for amendment in EC. EAC after detailed presentation by the Project Proponent, observed that the Ministry of Environment & Forest, New Delhi has granted environmental clearance vide letter No. J-12011/18/2015-IA-I (R) Pt dated 17.03.2020. The earlier proposed private land for dumping site was to be acquired under RFCTLARR Act, however since the cost of land has increased considerably, new cheaper patches of private land have been identified which are available on lease basis. As a result, the number of dumping sites have revised from 2 to 5 and land is increased from 10.1314 ha. to 13.6676 ha. Consequently, the total land requirement of the project (Pvt. and Forest) is now 153.5564 ha. EAC noted that Project Proponent has submitted revised details of muck disposal against the originally proposed details along with revised cost for an amendment in EC with respect to (i) for change in mucking dumping sites from 2 to 5 and (ii) Para-4 of EC letter for change in project land requirement from 149.08 ha to 153.5564 ha.

5. EAC after detailed deliberation and information submitted, **recommended** the proposal for amendment in EC dated 17.03.2020 with respect to the revised muck management Plan and land requirement details as submitted by the Project Proponent with some additional EC conditions. Accordingly, the Ministry hereby **accords an amendment in EC** dated 17.03.2020 with following **additional EC conditions**:

- Necessary control measures such as water sprinkling arrangements at all the construction and muck disposal sites and construction of paved roads leading to muck disposal sites shall be made to arrest fugitive dust and proper institutional mechanism be prepared for supervising this activity during operation & maintenance stage of the project.
- Stabilization of muck disposal sites using biological and engineering measures shall be taken up to ensure that muck does not roll down the slopes and shall be disposed safely and that it does not pollute the natural streams and water bodies in surrounding area. The engineering measures for the muck disposal arrangements be evolved after carrying out required slope stability analysis.
- Necessary consent shall be obtained from District Administration due to proposed change in private land use for dumping of muck.



6. All other terms and conditions as stipulated in environmental clearance letter No. J-12011/18/2015-IA-I (R) Pt. dated 17.03.2020 shall remain unchanged.
7. This issues with approval of the Competent Authority.

Yours faithfully,


(Yogendra Pal Singh)
Scientist 'E'

Copy to:

1. The Secretary, Ministry of Power, Sharm Shakti Bhawan, Rafi Marg, New Delhi - 110 001.
2. The Secretary, Ministry of Water Resources, RD & GR, Sharm Shakti Bhawan, Rafi Marg, New Delhi - 110 003.
3. The Special Secretary (Power), Department of Power, Govt. of Himachal Pradesh.
4. The Secretary, Department of Environment, Govt. Of Himachal Pradesh, Forest Secretariat, Shimla.
5. The Chief Engineer, Project Appraisal Directorate, Central Electricity Authority, Sewa Bhawan R. K. Puram, New Delhi - 110 066.
6. The DDG (Central), Regional Office, Ministry of Environment, Forest & Climate Change, Bays No 24-25, Sector-31 A, Dakshin Marg, Chandigarh - 162 022.
7. The Member Secretary, Himachal Pradesh Pollution Control Board, Phase-III, Him Parivesh, New Shimla - 171 009.
8. Guard File


(Yogendra Pal Singh)
Scientist 'E'