



एसजेवीएन लिमिटेड

मिनी-रत्न शिड्यूल 'A' पीएसयू
निगमित पर्यावरण विभाग
ISO 9001:2015 Certified

कार्यालय:

मुख्य महाप्रबंधक,
निगमित पर्यावरण विभाग,
शक्ति सदन, शानान,
जिला शिमला, हिमाचल प्रदेश -171006
टेलीफोन न.: 0177-2660198
ईमेल: sjvn.ced@sjvn.nic.in

संख्या: SJVN/CHQ/ENV/F/ 24-584

दिनांक: 01/06/2020

सेवा में,

डॉ एस.करकेट्टा.

निदेशक, IA-I डिवीजन,

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,

वायु विंग, इंदिरा पर्यावरण भवन, ज़ोर बाग रोड,

नई दिल्ली 110003-

Email: s.kerketta66@gov.in

**Sub: Six Monthly Monitoring Report on Compliance to Environmental Aspects
(For period October, 2019 - March, 2020) i.r.o Luhri-1 HEP (210 MW)
Himachal Pradesh.**

**Ref: EC letter No. J-12011/18/2015-IA.I(R), March 17, 2020 for Luhri HEP stage -1
(210 MW)**

This has reference to above referred letter vide which Environment Clearance was granted for **Luhri HEP stage -1 (210 MW)** of M/s SJVN Ltd. in Shimla District, Himachal Pradesh. One of the conditions of the EC (Part-X, Para iv) is to submit six monthly compliance of the stipulated EC conditions to MoEF&CC, New Delhi.

In this regard, it is kindly informed that the project is yet to come under construction and once the same is started, six-monthly compliance reports shall be furnished.

संलग्नक: यथोपरि।

सधन्यवाद,

भवदीय,

एसजेवीएन लिमिटेड के लिए,

(मुख्य महाप्रबंधक)

प्रतिलिपि (केवल ईमेल के माध्यम से):

- अतिरिक्त प्रधान मुख्य वन संरक्षक (सी), क्षेत्रीय कार्यालय (उत्तर मध्य क्षेत्र), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, 25, सुभाष रोड, देहरादून-248001, Email: moef.ddn@gmail.com
- निदेशक, क्षेत्रीय कार्यालय (उत्तर मध्य क्षेत्र), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, 25, सुभाष रोड, देहरादून-248001, Email: moef.ddn@gov.in

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

Indira Paryavaran Bhawan
3rd Floor, Vayu Wing
Jor Bagh Road
New Delhi-110 003

Dated: 17th March, 2020

To

The Additional General Manager (Env.)
Corporate Environment Department,
Satluj Jal Vidyut Nigam Lts., Shanan,
Shimla -171 006, Himachal Pradesh

Sub: Lubri HEP Stage-I (210 MW) Project in Shimla District of Himachal Pradesh by M/s SJVN Ltd for Environment Clearance (EC) -regarding

Sir,

This has reference to your letter No. SJVN/CC/Env/24/18/1922 Online dated 14.08.2018 and subsequent letters No. SJVN/CC/Env/024/18/1932 Online dated 20.08.2018 and 20.09.2018 on the above-mentioned subject.

2. The above referred proposal was appraised by the Expert Appraisal Committee (EAC) for River Valley & Hydroelectric Power Projects (RV & HEP) in its meeting held on 27.03.2018 and 27.08.2018. The comments and observations of EAC may be seen in the Minutes of the meeting, which are available on the Ministry's website.

3. The project envisages construction of 80 m high concrete gravity dam across the river Satluj near village Nirath (31°21'40" N; 77°32'4" E), in district Shimla of Himachal Pradesh, to generate hydropower with an installed capacity of 210 MW (2 x 80 MW + 2 x 25 MW). This is a run-of-the river scheme, the Project includes a dam toe surface Power House of size 122m (L)×50.5 m (W) × 65.5m (H), located on the right bank of Satluj river. The total installed capacity of the power house is 210 MW (2×80 MW + 2×25 MW). The water will be restored back in Satluj river at EL 813.3m through Tail Race Channel of trapezoidal shape, width varying from 92.0 m at DT gate to 45.0 m at channel exit having a total length of 119.5 m on the right bank of river Satluj. The gross head and design discharge for main units will be 38.67 m and 245.4 cumecs for each unit respectively.

4. The total land requirement is about 149.08ha. out of which 98.10 ha is forestland and 50.98 ha is private land. About 349 number of families and 08 villages are likely to be affected due to this project. Forest Clearance for diversion of 98.1004 ha land has been accorded by MoEF&CC vide letter dated 28.03.2019. Total cost of the project is Rs. 1912.59 Crores.

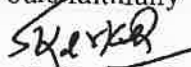
4. The Public hearings were conducted at 2 places viz. (i) on 29.08.2017 at village Nirath, Tehsil Rampur, District Shimla and (ii) on 30.08.2017 at Neethar Village, Tehsil Anni, District Kullu in Himachal Pradesh.

5. The Expert Appraisal Committee (EAC) in the meeting held on 27.08.2018, after due consideration of the relevant documents submitted by the project proponent and clarifications furnished in response to the observations, have **recommended** for grant of Environmental Clearance for the project mentioned above. Accordingly, the Ministry of Environment, Forest and Climate Change hereby **accords necessary Environmental Clearance** for the above project as per the provisions of Environmental Impact Assessment Notification, 2006 and as amended thereof, subject to compliance of the following conditions and as given in Annexure I (i.e. Standard EC Conditions for River valley and hydroelectric projects):

- i. The Environmental Management Plan (EMP) shall be strictly adhered to and a sum of Rs. 14860.57 lakhs, the budgetary provisions for implementation of EMP, shall be fully utilized and not to be diverted to any other purpose. In case of revision of the project cost or due to price level change, the cost of EMP shall also updated proportionately.
- ii. The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018 regarding Corporate Environment Responsibility. Project proponent shall require to invest amount of Rs 866.5 lakhs towards the Upgradation of Educational Facilities (Rs 131.0 lakhs), Upgradation of Public Health Centers (Rs 85.0 lakhs), Solid Waste Segregation and Collection Centre (Rs 75 lakhs), Sewerage/drainage line and Septic tanks (Rs 165.0 lakhs), Solar Street Lights (Rs 67.5 lakhs), Drip Irrigation System (Rs 195.0 lakhs), Rain shelters (Rs 48.0 lakhs) and Drinking Water Supply Scheme (Rs 100.0 lakhs). The entire activities under CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half-yearly compliance report and to a District Collector.
- iii. Based on the recommendation of Cumulative Impact Assessment and Carrying capacity study of Satluj River Basin or as per the ToR conditions or minimum 15% of the average flow of four consecutive leanest months or as submitted in the EIA/EMP report, whichever value is higher, shall be released as **environmental flow**.
- iv. Necessary permission/clearance to be obtained for quarrying construction materials for the project as per the EIA Notification, 2006 and subsequent amendments thereof.
- v. Solid waste generated, especially plastic waste, etc. should not be disposed of as landfill material. It should be treated with scientific approach and recycled. Use of single-use plastics may be discouraged.
- vi. Wildlife Conservation plan for all Schedules I species shall be implemented with the approval of the Competent Authority.


- vii. Land acquired for the project shall be suitably compensated in accordance with the law of the land with the prevailing guidelines. Private land shall be acquired as per provisions of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.
- viii. The environmental clearance is valid for period of 10 years from the date of issue of this letter for commissioning of the project.
- ix. After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.
- x. Any other clearances/permissions/approvals from any other organization/department, as applicable to the project shall be taken.

This issues with approval of the Competent Authority.

Yours faithfully

(Dr. S. Kerketta)
Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001
2. The Secretary, Ministry of Water Resources, RD & GR, Shram Shakti Bhawan, Rafi Marg, New Delhi-110003.
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-110066.
6. The Dy. Director General of Forests (North-Central Zone), Regional Office, Ministry of Environment, Forest & Climate Change, Pearson Road, P.O. New Forest, Forest Research Institute (FRI) campus, Dehradun - 248006.
7. The Member Secretary, Himachal Pradesh Pollution Control Board, Phase-III, Him Parivesh, New Shimla-171009.
8. Guard File


(Dr. S. Kerketta)
Director

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- v. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vi. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project. vii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- vii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EEMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).