



State Level Environment Impact Assessment Authority Himachal Pradesh

Ministry of Environment, Forest & Climate Change, Government of India,
at Department of Environment Science & Technology,
Paryavaran Bhawan, Near US Club, Shimla-1
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F. No. HPSEIAA/2015/403/Sh. Amar Chand Sharma/ 1341

Dated: 31/5/2016

To

Sh. Amar Chand Sharma,
Village-Lachori & Post Office-Thakur Matti,
Tehsil-Bhalai, District-Chamba, Himachal Pradesh-176 308.
Phone No. 94180-10923.

Subject: Project proposal for Mining of Minerals by Sh. Amar Chand Sharma- Environmental Clearance-reg.

Sir,

This has a reference to your application dated nil seeking prior environmental clearance for the above project under Environment Impact Assessment Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Impact Assessment Notification, dated 14th September 2006 on the basis of documents viz; Form-I, Pre-feasibility Report, EIA/EMP etc. by the State Expert Appraisal Committee constituted by the competent authority in its 44th Meeting held on 1st to 5th April, 2016. The said project involves following salient features:

- a. **Project type** : Mining of Minerals
(Extraction of sand, stone & bajri)
- b. **Project Location** : Khasra number 673/484/1 falling at Mauza Jenna, Bhalai, Chamba, Himachal Pradesh.
- c. **Project Capacity** : 10,110 TPA.
- d. **Mining Area** : 13-00 Bighas, 1.0520 ha (Govt. land acquired by NHPC)
- e. **Working Plan** : Strictly as per Working-cum-Environment Management Plan approved by Geological Wing of Industries Department, Himachal Pradesh.
- f. **EMP costs** : Capital Cost: Rs. 0.90 lakhs; Recurring cost: Rs.0.85 lakhs (under EMP)
Capital Cost: Rs. 0.80 lakhs; Recurring cost: Rs.0.60 lakhs (under CSR)
- g. **Institutional Mechanisms for Env. Protection** : The following will be responsible for maintenance of APCDs and Solid Waste Management sites:
i) Construction phase: Developer/ Project Proponent.
ii) Operational Phase: Developer/ Project Proponent.
- h. **Validity period of EC** : 7 Years from date of issue.

The SEIAA examined the proposal in its 26th Meeting (Day-I) held on 29th April, 2016 and considered the recommendations made by SEAC in its 44th Meeting held on 1st to 5th April, 2016. After considering the recommendations of the State Level Expert Appraisal Committee, the State level Environmental Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA Notification No. S.O. 1533 dated 14th September, 2006 of Ministry of Environment & Forests, GoI subject to strict compliance of terms and conditions as mentioned below. The Authority reserves the right to revise, revoke or impose additional condition at any stage.

Part-A- Specific Conditions:

- i. Stone and Bajri, if any extracted, is not allowed to be sold to crushers not having consent to establish and operate and also not complying with the condition stipulated by State Pollution Control Board.
- ii. The project proponent shall obtain Consent to Establish and Consent to Operate from the Himachal Pradesh Pollution Control Board and effectively implement all the conditions stipulated therein.
- iii. Environment clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.

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- iv. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity/ production levels shall accordingly be decreased/ stopped.
- v. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
- vi. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to MoEF&CC and its Regional Office and CPCB,SPCB regularly.
- vii. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- viii. The project proponent shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity the hydro-geological regime of surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year – pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the MoEF&CC and its Regional Office Dehradun, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
- ix. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
- x. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
- xi. Vehicular emission shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- xii. No drilling and blasting operation shall be carried out.
- xiii. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- xiv. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- xv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xvi. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- xvii. The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.

Part-B- General Conditions:

- i. No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- ii. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
- iii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM₁₀) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

- iv. Data on ambient air quality should be regularly submitted to the MoEF&CC including its Regional office located at Dehradun and the State Pollution Control Board/ Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009 should be allowed for monitoring.
- v. Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- vi. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- vii. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- viii. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- ix. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional Office located at Dehradun.
- x. The project authorities should inform to the Regional Office located at Dehradun regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- xi. The Regional Office of this Ministry located at Dehradun shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- xii. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional Office Dehradun, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Dehradun, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.
- xiii. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- xiv. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
- xv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MoEF&CC, Dehradun by e-mail.
- xvi. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the MoEF&CC at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of MoEF&CC at Dehradun.

Part-C- Special Conditions:

- i. "Consent to Establish" shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981.
- ii. Disposal of muck including excavated material, if any during construction phase should not create any adverse effects on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority. The topsoil excavated during working activities should be stored for use in plantation /landscape development within the project site. Green belt of the adequate width and

- density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
- iii. Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO₂ and NO_x) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority.
 - iv. Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low Sulphur diesel type should be used. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
 - v. Provisions shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, first aid and medical health care, creche etc.
 - vi. Sprinkling of water etc. be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.
 - vii. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.
 - viii. All other statutory clearances shall be obtained, as applicable by the project proponents.
 - ix. The Project Proponent may seek extension of validity period of Environmental Clearance (EC) after the expiry of validity period of the EC as per provisions contained in EIA Notification, 2006 and subsequent amendment there under.
 - x. The Environmental Clearance shall be subject to the condition that the Project Proponent shall obtain prior grant order/renewal of mining lease from the competent authority.
 - xi. The project proponent shall construct retaining wall along the road.
 - xii. The Project Proponent shall construct and maintain toilet in GMS Chhudra under proposed CSR activities.
 - xiii. The proponent shall submit component wise time frame for implementation of EMP & CSR as proposed along with costs, within one month of the issuance of EC letter. The EMP & CSR implementation shall be linked in accordance with the obtaining of Consent to Operate issued by HPSPCB.

Yours sincerely,

Syudal
Member Secretary
State Level Environment Impact Assessment Authority
Himachal Pradesh

Endst. No. As Above.

Dated: 2016.

Copy to following for further necessary action:

1. The Secretary (Environment), Ministry of Environment, Forests & Climate Change (MoEF&CC), GoI, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
2. The Chairman, Central Pollution Control Board, Him Parivesh Bhawan, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032.
3. The Chairman, Himachal Pradesh State Pollution Control Board, Shimla-171009.
4. The Director (Environment, Science & Technology) to the GoHP, Shimla-171001.
5. Adviser (IA), MoEF&CC, GoI, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003.
6. Additional Pr. Chief Conservator of Forests, MoEF&CC, GoI, Regional Office, Dehradun, C/o Forest Research Institute, P.O. New Forest, Dehradun, Uttrakhand 248006.
7. Monitoring Cell, MoEF&CC, GoI, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
8. Record File.

Member Secretary
State Level Environment Impact Assessment Authority
Himachal Pradesh