



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)

Environmental Planning & Coordination Organization
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Bhopal-4620 16
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No: 11737 /SEIAA/16
Date: 10.3.16

To,

M/S Larsen and Toubro Ltd.
sub - lesse of M.P. State Mining Corporation Ltd.,
Shri T. Ravi Patnayak, Project Manager,
TC III Tower B, 7th Floor, B-Wing,
Post Box 979, Manpakkam,
Chennai, Tamilnadu – 600001

Sub:- Case No. 4117/2015, Prior Environmental Clearance for Sand Quarry (Opencast Manual Method) in an area of 18.000 ha for proposed Production Capacity of 1,44,000 cum/ year at Khasra No. 1305 at Village - Khirwa, Tehsil – Vijayraghavgarh, District - Katni (M.P.) by M/S Larsen and Toubro Ltd. sub - lesse of Madhya Pradesh State Mining Corporation Ltd., Shri T. Ravi Patnayak, Project Manager, TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu – 600001.

This has reference to your letter received in SEIAA office on 28.10.2015 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form – I, Appendix-1 Mining Plan & EMP, the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- II. There is no National Park/Sanctuary and interstate boundary within 10 Km radius. There is no human settlement within 500 m. from mining site. There is no forest boundary within 250 m. from the mining site.
- III. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006.
- IV. Based on the information submitted, as at Para (II) above and others the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 296th meeting dtd. 17.02.2016 and decided to accept the recommendations of 02nd SEAC-II meeting dtd. 03.02.2016.

Hence, Prior Environmental Clearance is granted for **Sand Quarry** (Opencast Manual Method) in an area of 18.000 ha for proposed Production Capacity of 1,44,000 cum/ year at Khasra No. 1305 at Village - Khirwa, Tehsil – Vijayraghavgarh, District - Katni (M.P) **for the lease period** to M/S Larsen and Toubro Ltd. sub - lesse of Madhya Pradesh State Mining Corporation Ltd., Shri T. Ravi Patnayak, Project Manager, TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu – 600001, subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

1 of 3

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A. Specific Conditions

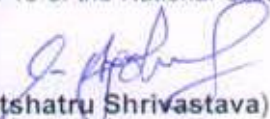
1. PP shall not start mining activity before execution of lease agreement.
2. The depth of the pit shall not exceed 02 m or normal water level prevalent in the lean season whichever is less.
3. Storage of excavated sand above 3 m. height at a time shall not be allowed at the site. PP should ensure that no heaps be left at the site.
4. PP has submitted to construct a ramp for transporting the sand from the opposite bank. The ramp constructed should be so designed that the flow of water within the river is not hampered. The EE, WRD should also approve the ramp design. This ramp should be completely removed/dismantled before the start of the rainy season. It is a duty of the Mining Officer, Katni to inspect/monitor that the ramp is completely dismantled.
5. The final decision of Hon'ble NGT (CZ) Bhopal and Hon'ble NGT Principal Bench, New Delhi in OA No. 49/2015 (Amarkant Mishra Vs State of MP & others), shall be obligatory on the part of PP.
6. Mining shall be carried out 100 m away from the human settlement.
7. Transportation of the material should be done along the river bank upto Pakka road through the private lands and existing village road. No village roads passing through the human settlement should be used for transportation and PP shall prepare a transportation plan as far as possible bypassing the village/human settlement. The plan should be prepared in consultation with the Revenue, Mining and Panchayat Officials.
8. An agreement should be made between PP and Land owner, if transportation carried out through private land.
9. As per the EMP & commitment by PP during presentation 140 plants of local species per year shall be planted on the bank of river to prevent the bank erosion.
10. PP committed to follow all 07 points of evacuation plan submitted on 18.01.2016 in content & spirit.
11. PP shall carry out the CSR activities as per the details given in EMP. In addition to the proposed activities under CSR the following activities should be included:
 - a) Skill upgradation programme for the villagers of nearby villages.
 - b) Sanitation activities including construction of individual toilets in consultation with village Panchayat.
 - c) Installation of rainwater harvesting structure.
12. District Authority should record the deposition of sand in the lease area annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
13. Evacuation of sand should not be allowed through the roads passing through the villages.
14. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
15. If causeway (Rapta) is required to be constructed for mining, it should be removed completely before rainy season every year.
16. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
17. No diversion of active channel should be allowed for mining.

B. Standard Conditions

1. The banks on the curve of the river regime should be stabilized by proper bunds and then proper plantation should be carried out. Collector, should monitor so that the sand mining should not disturb the ecology of the region.
2. Mining will be carried out as per the approved Mining Plan. In case of any violation of Mining Plan the Environmental Clearance given by SEIAA will stand cancelled.
3. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
4. It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
5. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting.

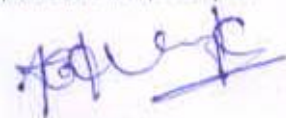
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6. Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
7. Parking of vehicles should not be made on public places.
8. Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities. Maintenance of roads through which transportation of minor minerals is to be undertaken, shall be carried-out regularly.
9. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
10. The project proponent will ensure necessary protection measures around the mine pit, waste dumps.
11. Plantation programme shall be carried out as per EMP. Self sustenance of the vegetation should be ensured. No tree-felling shall be done in the leased area, except only with the permission from competent authority.
12. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation.
13. Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
14. Persons working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
15. Dispensary facilities for first-aid shall be provided at site.
16. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies, as applicable, in addition to the relevant officers of the Government.
17. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
18. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
19. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


 (Ajatshatru Shrivastava)
 Member Secretary

Endt No. ¹¹⁷³⁸ / SEIAA/16 Dated: 10.3.16
 Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District Katni, M. P.
5. Divisional Forest Officer, District Katni, M. P.
6. I.A. Division, Monitoring Cell, MoEF & CC, Gol, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110 003.
7. Director (S), Regional office of the MOEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016
8. Director, Geology & Mining, Madhya Pradesh, 29-A, Khanij Bhawan, Arera Hills, Bhopal - 462002.
9. District Mining Officer, District Katni, M. P.
10. Guard file


 (Alok Nayak)
 Officer-in-Charge

3 of 3

