



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

Environmental Planning & Coordination Organization

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No: 01 / SEIAA /19

Date: 1.4.19

To,

Sarpanch/Sachiv, Gram Panchayat

Village-Jigani, Tehsil-Ajaygarh,
Dist-Panna (MP)-488001

Sub:- Case No. 5874/2019 Prior Environmental Clearance for **Sand Quarry (Open cast manual method)** in an area 3.0756 ha out of 4.90 ha. is available for sand mining for production capacity of 83,041 cum/year (As per SEAC recommendation) at Khasra No. 1 (Part) at Village-Jigani, Tehsil-Ajaygarh, Dist-Panna (MP) by Sarpanch/Sachiv, Gram Panchayat, Village-Jigani, Tehsil-Ajaygarh, Dist-Panna (MP)-488001.

- I. This has reference to your letter received in SEIAA office on 08.02.2019 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. It has been noted that the proposal is for **Sand Quarry** in an area of 4.90 ha. The mining lease area is located at Khasra No. 1 (Part) at Village-Jigani, Tehsil-Ajaygarh, Dist-Panna (MP). There is no human settlement within 500m. There is no National Park / Sanctuary within 10 Km radius. There is no forest boundary within 250m from 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 530th meeting dtd. 15.03.2019 and decided to accept the recommendations of 348th SEAC meeting dated 01.03.2019.

Hence, Prior Environmental Clearance is granted for Sand Quarry (Open cast manual method) in an area 3.0756 ha out of 4.90 ha. is available for sand mining for production capacity of 83,041 cum/year (As per SEAC recommendation) at Khasra No. 1 (Part) at Village-Jigani, Tehsil-Ajaygarh, Dist-Panna (MP) for lease priod to Sarpanch/Sachiv, Gram Panchayat, Village-Jigani, Tehsil-Ajaygarh, Dist-Panna (MP)-488001, subject to the following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

A. SPECIFIC CONDITIONS

- 1 The production capacity shall be limited to the quantity approved by SEAC.
- 2 No in-stream mining shall be allowed.

- 3 The depth of the pit shall be as per Approved Mining Plan.
- 4 No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- 5 The entire lease area should be properly fenced and boundary stones marked at the site.
- 6 Before commencing the mining activity, site demarcation should be done by the Revenue Officials in the presence of Mining Officer, Panna.
- 7 Total 950 saplings shall be planted by PP at the end of conceptual period under plantation programme but PP should ensure to plant 3 years old 200 Nos of saplings of suitable indigenous tree species in river bank & approach road. Plantation of Neem, Peepal, Bargad, Drumstick, Amla, Jamun Mahua etc. on priority shall be ensured by PP.
- 8 Over loading will be strictly prohibited.
- 9 PP shall ensure to provide stationary and table-chairs for students of school with budget provision of Rs.2.25 lakhs under CSR. Besides this, need based infrastructure activity for the development of school/village shall be implemented by PP.
- 10 PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
- 11 Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- 12 950 trees shall be planted in the barrier zone, approach road and at nearby villages.
- 13 Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- 14 The lease area should be clearly distinguished and earmarked at the site.
- 15 A budgetary provision for Environmental Management Plan of Rs. 7.03 Lakh per year is proposed.
- 16 In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- 17 Under CSR Rs. 2.25 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- 18 All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- 19 The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- 20 The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
- 21 PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- 22 Plantation shall be carried out on the banks for stabilization of the banks.
- 23 The mining activity shall be done manually.
- 24 NOC of gram panchayat should be obtained for the water requirement.
- 25 Transport vehicles will be covered with taurpoline to minimize dust/sand particle emissions.
- 26 For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and

- no mining shall be carried out in the safety zone.
- 27 No Mining shall be carried out during Monsoon season.
 - 28 The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
 - 29 Established water conveyance channels should not be relocated, straightened, or modified.
 - 30 If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
 - 31 After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
 - 32 PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
 - 33 Mining should be done as per the submitted land use plan submitted by PP.

B. STANDARD CONDITIONS

- 1 No heavy vehicles shall be allowed to enter the river bed.
- 2 The transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles.
- 3 Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for the said purpose.
- 4 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.
- 5 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.
- 6 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.
- 7 It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
- 8 It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting.
- 9 Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
- 10 Parking of vehicles should not be made on public places.
- 11 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.
- 12 Measures for prevention and control of soil erosion and management of silt shall be undertaken.
- 13 The project proponent will ensure necessary protection measures around the mine pit, waste dumps.
- 14 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.
- 15 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.

- 16 Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
- 17 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.
- 18 Dispensary facilities for first-aid shall be provided at site.
- 19 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
- 20 The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
- 21 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.
- 22 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.

Jitendra Singh Raje
o/c (Jitendra Singh Raje)
Member Secretary

Endt No. *2* / SEIAA/19 Dated: *1.4.19*

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. 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 Panna, M. P.
5. Divisional Forest Officer, District Panna, M. P.
6. I.A. Division, Monitoring Cell, MoEF& CC, GoI, 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 Panna, M. P.
10. DEO, MPSEIAA - For upload on website.
11. Guard file

Sanjeev Sachdev
o/c (Dr. Sanjeev Sachdev)
Officer-in-Charge

Received
U/S
1.4.2019