



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: **814** / SEIAA /19

Date: **23.5.19**

To,

Sarpanch, Gram Panchayat,
Village - Bharuhi, Tehsil - Bhari,
Dist. Sidhi, MP – 486661

Sub:- Case No. – 6054/2019 Prior Environment Clearance for **Sand Quarry** (opencast manual method) in an area of 4.80 ha. for production capacity of 86,400 cum per annum at Khasra No. 396 at Village - Bharuhi, Tehsil - Bhari, Dist. Sidhi (MP) by Sarpanch, Gram Panchayat, Village - Bharuhi, Tehsil - Bhari, Dist. Sidhi, MP – 486661

This has reference to your letter received in SEIAA office on 22.03.2019 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-II, 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/Biodiversity area within 10 Km radius and Son Ghariyal Sanctuary is 6.555 km. The proposed mine site is 5355 m. away from notified ESZ of Songhariyal Sanctuary as per Joint Director, Sanjay Tiger Reserve vide L.No. 1317 dated 27.02.2019. There is no Human habitation/water body within 500 m. from mining site. There is no forest boundary within 250 m. from mine site.

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.

III. 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 544th meeting dtd. 02.05.2019 and decided to accept the recommendations of 360th SEAC meeting dtd. 11.04.2019.

Hence, Prior Environmental Clearance is granted for **Sand Quarry** (opencast manual method) in an area of 4.80 ha. for production capacity of 86,400 cum per annum at Khasra No. 396 at Village - Bharuhi, Tehsil - Bhari, Dist. Sidhi (MP) **for the lease period to** Sarpanch, Gram Panchayat, Village - Bharuhi, Tehsil - Bhari, Dist. Sidhi, MP – 486661, subject to the compliance of 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. The depth of the pit shall be as per Approved Mining Plan.
3. No in-stream mining shall be allowed.
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. PP shall ensure to construct and maintain 430 m. approach road. Plantation will be carried out on both side of approach road.
6. Total 4000 saplings shall be planted by PP for three years under plantation programme (barrier zone, nearby village and approach road) and Plantation of Neem, Peepal, Bargad, Sheesham,

- Amrood, Jamun, Karanj, Mango etc. on priority shall be ensured by PP.
7. Transportation from the dense populated area will be avoided
 8. Over loading will be strictly prohibited.
 9. Water sprinkling will be done on the approach road on the regular basis.
 10. PP shall ensure implementation of the following activities with budget provision of Rs 1.64 lakh under CSR.

- a) Contribution for school water filter and sport (football seesaw and cricket kit) at nearby villages.
- b) Training for skill development women's (stitching embroidery etc.) at nearby villages.

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram Panchayat.

11. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
12. A budgetary provision for Environmental management Plan of Rs. 11.25 Lakh as capital and Rs 5.33 Lakh/year.
13. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
14. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
15. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
16. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
17. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
18. 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.
19. No Mining shall be carried out during Monsoon season.
20. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
21. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring 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.
22. 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.
23. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
24. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
25. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
26. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
27. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.

28. 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. 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.
29. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
30. The amount towards reclamation of the pit and 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.
31. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
32. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
33. Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
34. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

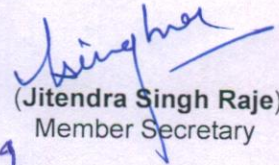
B. Standard Conditions

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.

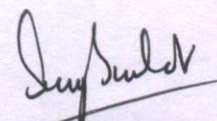
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Endt No. / SEIAA/19

Dated: 23.5.19


(Jitendra Singh Raje)
Member Secretary

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. Managing Director, M.P. State Mining Corporation Ltd., Paryavas Bhavan, Block-1(a), 2nd Floor, Arera Hills, Jail road Bhopal (MP).
4. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
5. Collector, District Sidhi, M. P.
6. Divisional Forest Officer, District Sidhi, M. P.
7. I.A. Division, Monitoring Cell, MoEF& CC, Gol, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110 003.
8. Director (S), Regional office of the MOEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016
9. Director, Geology & Mining, Madhya Pradesh, 29-A, Khanij Bhawan, Arera Hills, Bhopal – 462002.
10. District Mining Officer, District Sidhi, M. P.
11. DEO, SEIAA for upload website.
12. Guard file


(Dr. Sanjeev Sachdev)
Officer-in-Charge