



**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: 881 / SEIAA /19

Date: 29.5.19

To,

M/s, Shree Vivek Mishra,  
S/o Shri Vimal Prasad Mishra  
Village & Post Rajadho,  
Teh. Hanumana District - Rewa (MP) – 486001

**Sub:- Case No. 5971/2019** Prior Environmental Clearance for **Tihai Stone Mine** (opencast Semi-Mechanized Method) an area of 4.00 for production capacity 16000 cum/year at khasra No. 411 at Vill . Tihai ,Teh – Kotar Dist- Satna (MP) - by Shri Vivek Mishra S/o Shri Vimal Prasad Mishra R/o Village & Post Rajadho, Teh. Hanumana District - Rewa (MP) – 486001.

This has reference to your letter received in SEIAA office on 12.03.2019 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 – I, PFR, Appendix-1, Mining Plan, EMP & other documents, 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/Santcuary within 10 Km radius. There is no Human habitation/water body within 500 m. from mining site. There is no forest boundary within 250 m. from mine 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 14<sup>th</sup> 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 538<sup>th</sup> meeting dtd. 14.04.2019 and decided to accept the recommendations of 350<sup>th</sup> SEAC meeting dtd. 15.03.2019.

Hence, Prior Environmental Clearance is granted for **Tihai Stone Mine** (opencast Semi-Mechanized Method) an area of 4.00 for production capacity 16000 cum/year at khasra No. 411 at Vill . Tihai ,Teh – Kotar Dist- Satna (M.P) **for the lease period** to Shri Vivek Mishra S/o Shri Vimal Prasad Mishra R/o Village & Post Rajadho, Teh. Hanumana District - Rewa (MP) – 486001, subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

**A. Specific Conditions**

1. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.



2. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement
3. PP shall not start mining activity before execution of lease agreement.
4. The depth of the pit shall be as per the Approved Revised Mining Plan.
5. PP shall ensure to construct and maintain 265m. approach road. Plantation will be carried out on both side of approach road.
6. Total 4000 saplings shall be planted by PP for five years under plantation programme but PP should ensure to plant 3 years old 800 Nos of saplings/year of suitable indigenous tree species Lease boundary & approach road. Plantation of Neem, Peepal, Bargad, Aam, Amaltas, Amla, Karanj etc. will be planted on priority.
7. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
8. No overburden will be dumped outside the mine lease area.
9. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
10. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
11. PP shall ensure the proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes especially in summer season.
12. PP shall ensure proper implementation of plantation, dust suppression, construction of approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
13. PP shall ensure to conduct following CSR and Labour Welfare activities as committed under the budget provision of it is Rs.1.00 lakh..
  - a) Contribution for development of nearby villages (Tihai, Nayi Basti, Gadauli, Mohniya) such as drainage maintenance and street lights.

**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**

14. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
15. The lease area should be clearly distinguished and permanent earmarked at the site.
16. Settling tanks shall be provided in the North and North- Eastern direction end of the lease to protect mine water discharge.
17. Transportation of material shall be done in covered vehicles.
18. Transportation of minerals shall not be carried out through forest area.
19. Six monthly occupational health survey shall be carryout/
20. Stacking of of OB heap within the mine lease has prohibited all OB will be used for road making.
21. PP should explore possibility of using solar lights in office /rest areas.
22. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
23. No overcharging during blasting to avoid vibration.
24. Muffle blasting shall be adopted.
25. Mine water should not come out from the lease.
26. No explosive will be stored at mine site.
27. Top soil shall be simultaneously used for the plantation.
28. A budgetary provision for Environmental management Plan of Rs. 5.90 Lakh, as capital and Rs. 0.94 per year as recurring cost.
29. 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.



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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
32. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
33. Transportation of material shall be done in covered vehicles.
34. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
35. Curtaining of site shall be done using appropriate media.
36. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
37. Transportation shall not be carried out through forest area.
38. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
39. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
40. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
41. NOC of gram panchayat should be obtained for the water requirement.
42. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
43. 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.
44. Mining should be done as per the submitted land use plan submitted by PP.

#### **B. Standard Conditions**

1. Controlled blasting techniques, as and when required, shall be carried out in the day time only.
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. 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.
4. Where the quarry is in a hilly terrain and where some part of the hill is already cut for quarrying, further hill cutting shall not be done. In such cases, deepening the existing operational area may be preferably done.
5. Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
6. The lease holder shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (surface water and groundwater), if required for the project.
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. Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies.
11. The project proponent will ensure necessary protection measures around the mine pit, waste dumps and garland drain.



12. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area.
13. 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.
14. 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.
15. Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
16. 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.
17. Dispensary facilities for first-aid shall be provided at site.
18. 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
19. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
20. 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.
21. 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*  
**(Jitendra Singh Raje)**  
 Member Secretary

Endt No. **882** SEIAA/19

Dated: **27.5.19**

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 Satna (M. P.)
5. Divisional Forest Officer, District Satna (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 Satna (M. P.)
10. DEO, SEIAA, for update on website
11. Guard file

*Sanjeev Sachdev*  
**(Dr. Sanjeev Sachdev)**  
 Officer-in-Charge