



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

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>

Tel:0755-2466970, 2466859

Fax : 0755-2462136

No: 2113 / SEIAA /16

Date: 21.6.16

To,
Shri Prakash Kumar Topani
R/o M.P. Housing Board Colony, 72,
Shanti Nagar, P.O. Katni,
District-Katni (MP)-483501

Sub: Case No. 4232/2015, Prior Environmental Clearance for **Dolomite Mine** (Opencast Manual/Semi-Mechanised Method) in an area of 3.96 ha. for production capacity of 14,787 TPA at Khasra No. 409 at Village-Salaiya, Tehsil-Barwara, District-Katni (MP) by Shri Prakash Kumar Topani R/o M.P. Housing Board Colony, 72, Shanti Nagar, P.O. Katni, District-Katni (MP)-483501.

This has reference to your application received in SEIAA office on 30.10.2015 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 and the additional clarifications furnished in response to the observations of the State Level Expert Appraisal Committee (SEAC) and State Level Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

II. It has been noted that the proposal is for **Dolomite mine** in an area of 3.96 ha. The mining lease area is located in Khasra no. 409 at Village-Salaiya, Tehsil-Barwara, District-Katni (M.P.). Geographically mining lease area falls under the co-ordinates latitude $23^{\circ}41'59.43''$ N to $23^{\circ}42'01.03''$ N and longitude $80^{\circ}35'16.6''$ E to $80^{\circ}35'17.09''$ E. The nearest village Salaiya is located at a distance of 3 km. There is no National Park/Sanctuary and interstate boundary within 10 km radius.

The proposed project is for production capacity of **14787 TPA**. The mining will be carried out by Opencast Manual / Semi -Mechanized Method. The Mining plan is approved by the IBM (vide letter no. MP /Katni /Dolomite /M.Sch - 48/13-14/1572 dtd. 13.03.2014). The 2.70 ha area shall be covered under plantation and 1600 saplings shall be planted at the end of lease period.

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 317th meeting dtd. 12.04.2016 and decided to accept the recommendations of 03rd SEAC-II meeting dtd. 04.02.2016.

Hence, Prior Environmental Clearance for **Dolomite Mine** (Opencast Manual/Semi-Mechanised Method) in an area of 3.96 ha. for production capacity of 14,787 TPA at Khasra No. 409 at Village-Salaiya, Tehsil-Barwara, District-Katni (M.P.), **for the lease period** to Shri Prakash Kumar Topani R/o M.P. Housing Board Colony, 72, Shanti Nagar, P.O. Katni, District-Katni (MP)-483501, subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

A. Specific Conditions

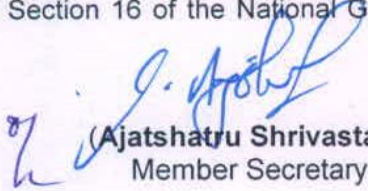
1. Before commencing any mining activity fencing of the entire area shall be carried out. The PP shall also demarcate a barrier zone of 7.50 m as no minig zone.
2. Since the depth is more than 6m from the ground level, Mine Safety Rules shall be invoked in this case. PP should obtain NOC from Director, Mine Safety before commencing the mining activity.
3. An area of 1.6 ha shall be covered under plantation in the current year
4. The Non-Mineable area shall also be covered under plantation during the lease period.
5. Plantation should also be carried out on the overburden dumps by spreading black cotton soil on the top.
6. A total of 1600 plants shall be planted in the ML area.
7. Stabilised dumps shall remain untouched.
8. Mining shall not be carried out below the water table i.e., more than 26 m depth from the surface.
9. Proper benching shall be carried out as per approved mine plan.
10. Benching shown in the conceptual plan shall be restored as per mine plan.
11. Kachha road of 2.5 km use to reach the tar road shall be maintained by all the 03 mine owners of the area.
12. Mined out water should be discharged into the fields after checking its pH value.
13. Garland drain all around the lease area to be constructed alongwith appropriate settling tanks.
14. Under CSR activity in addition to the proposed activities following activities should be added.
 - a) A village shall be adopted by all 03 mine owners with special focus on Swach Bharat and girl child education in consultation with Collector, Katni.
 - b) Skill upgradation programme for the villagers of nearby villages.
 - c) Sanitation activities including construction of individual toilets for local residents in consultation with village Panchayat.
 - d) Drinking water facilities for villagers of nearby villages.
 - e) Installation of rainwater harvesting structure.
15. The appropriate budget provision shall be made for the CSR activities..
16. 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.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
19. 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. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.

20. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
21. Transportation shall not be carried out through forest area.
22. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
23. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
24. 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.

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.


(Ajatshatru Shrivastava)
Member Secretary

Endt No. ²¹¹⁴ / SEIAA/16 Dated: ^{21.6.16}
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 - 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

