



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: 500 / SEIAA /19

Date: 2.5.19

To,
M/s Saraswati Minerals,
Prop. Shri Ghanshyam Tiwari,
Pendra Road,
Dist. - Bilaspur, C.G. - 495117

Sub:- Case No. - 5923/2019, Prior Environment Clearance for **Stone Quarry (Opencast Semi-Mechanised)** in an area of 1.214 ha for production capacity of 9996 cum per annum at Khasra No. 157/2/K, 157/2/Kha, 157/2/Ga, 157/1/K/4, 157/1/K/2 at Village - Basahi, Tehsil - Pushparajgarh, Dist. - Anuppur (MP) by M/s Saraswati Minerals, Prop. Shri Ghanshyam Tiwari, Pendra Road, Dist. - Bilaspur, C.G. - 495117.

This has reference to your letter received in SEIAA office on 20.02.2019 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. There is no National Park/Sanctuary within 10 km radius and no forest boundary within 250 m from mining site. There is no Human habitation/River within 500 m from mine site. The interstate boundary of Chhattisgarh is at 10 km from mining site. The mining site falls under the buffer zone of Achanakmar-Amarkantak Biosphere Reserve.
- 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 535th meeting dtd. 05.04.2019 and decided to accept the recommendations of 351th SEAC meeting dtd. 16.03.2019.

Hence, Prior Environmental Clearance is granted for **Stone Quarry (Opencast Semi-Mechanised)** in an area of 1.214 ha for production capacity of 996 cum per annum at Khasra No. 157/2/K, 157/2/Kha, 157/2/Ga, 157/1/K/4, 157/1/K/2 at Village - Basahi, Tehsil - Pushparajgarh, Dist. - Anuppur (MP) **for the lease period** to M/s Saraswati Minerals, Prop. Shri Ghanshyam Tiwari, Pendra Road, Dist.- Bilaspur, C.G. - 495117, 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 plant 1214 saplings of Neem, Sisoo, Mango and Kachnar in green belt in area 1.214 ha in mining area, village area and approach road.
4. PP shall not start mining activity before execution of lease agreement.
5. The depth of the pit shall be as per the Approved Mining Plan.
6. PP shall ensure to construct and maintain approach road. Plantation will be carried out on both side of approach road.
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 carry out the mining operation in such a way that the biodiversity of Achanakmar-Amarkantak Biosphere Reserve will not be disturbed.
13. 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.
14. PP shall ensure to conduct following CSR and Labour Welfare activities as committed under the budget provision of Rs. 40000/-
 - a) Installation of hand pumps.
 - b) Distribution of ununiform shoes and bags to Village schools.
 - c) Construction and repairing of school and community toilets.

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.

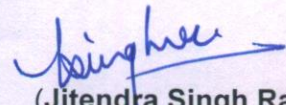
15. The lease area should be clearly distinguished and permanent earmarked at the site.
16. Thick plantation shall be carryout towards the road side of the lease.
17. Six monthly occupational health survey shall be carryout
18. PP should explore possibility of using solar lights in office /rest areas.
19. 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.
20. No overcharging during blasting to avoid vibration.
21. Muffle blasting shall be adopted.
22. Crusher shall be relocated and will be minimum 100 meters away from the road. Crushed shall be provided with minimum 03 meter MS wind breaking wall.
23. Mine water should not come out from the lease.
24. No explosive will be stored at mine site.
25. Kachha road from mine site to the highway/main road shall be made pakka and maintained by PP.
26. No dump shall be stacked outside the lease area.
27. Top soil shall be simultaneously used for the plantation.
28. A budgetary provision for Environmental management Plan of Rs. 5.43 Lakh as capital and Rs. 1.90 lakh as recurring is proposed.
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.

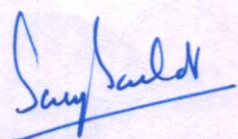

(Jitendra Singh Raje)
 Member Secretary

Endt No. ⁵⁰¹ / SEIAA/19
 Copy to:-

Dated: 2.5.19

OCC

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


(Dr. Sanjeev Sachdev)
 Officer-in-Charge

OCC