



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

Environmental Planning & Coordination Organization

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No: 948 / SEIAA /18

Date: 2.6.18

To,
M/s Shri Radheshyam Minerals,
through Partner Shri Venkateshwar Khedia,
Khedia Bhawan, P.O. Bijuri,
Dist. Anuppur (MP) - 484440

Sub: Case No. - 5611/2017 Prior Environment Clearance for **Granite Block** (Opencast semi mechanized method) in an area of 9.580 Ha. for production capacity of 1,517 cum per annum at Khasra nos. 1137/1, 1137/2, 1137/3, 1137/5, 1148, 1149/1, 1149/2, 1149/3, 1150, 1152/1, 1152/2, 1157/1, 1157/2, 1157/4, 1157/5, 1158/1, 1158/2, 1158/3, 1159/1, 1159//2ka, 1159/2kha, 1159/3, 1160/1, 1160/2, 1160/3, 1160/4, 1160/5, 1161/1, 1161/2, 1161/3, 1163/1, 1163/2, 1164, 1165/1, 1165/2, 1165/3, 1166/1, 1166/2, 1166/3, 1167/1, 1167/2, 1168/1, 1168/2, 1168/3, 1169/1, 1169/2, 1170, 1171 and 1172/2 at Village-Thangaon, Tehsil - Kotma, Dist. Anuppur (MP) by M/s Shri Radheshyam Minerals, through Partner Shri Venkateshwar Khedia, Khedia Bhawan, P.O. Bijuri, Dist. Anuppur (MP) - 484440.

This has reference to your application received in SEIAA office on 25.11.2017 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 **Granite Block** in an area of 9.580 ha. The mining lease area is located in Khasra no. 1137/1, 1137/2, 1137/3, 1137/5, 1148, 1149/1, 1149/2, 1149/3, 1150, 1152/1, 1152/2, 1157/1, 1157/2, 1157/4, 1157/5, 1158/1, 1158/2, 1158/3, 1159/1, 1159//2ka, 1159/2kha, 1159/3, 1160/1, 1160/2, 1160/3, 1160/4, 1160/5, 1161/1, 1161/2, 1161/3, 1163/1, 1163/2, 1164, 1165/1, 1165/2, 1165/3, 1166/1, 1166/2, 1166/3, 1167/1, 1167/2, 1168/1, 1168/2, 1168/3, 1169/1, 1169/2, 1170, 1171 and 1172/2 at Village-Thangaon, Tehsil - Kotma, Dist. Anuppur (M.P.). Geographically mining lease area falls under the co-ordinates latitude 23°16'42.00"N to 23°16'37.10"N and longitude 82°08'43.2"E to 82°08'42.2"E. There is no National Park/Sanctuary within 10 km radius. There is no forest boundary within 250 m.

The proposed project is for production capacity of **1517 cum/ annum**. The mining will be carried out by Opencast Semi Mechanized Method. The Mining plan is approved by the D&GM (vide letter no. 17390-91 dtd. 08.09.2017). The area 7.155 ha area shall be covered under plantation and 15670 saplings shall be planted at the end of lease period. The water requirement is 45 KLD (24 KLD for Dust Suppression+ 10 KLD for Green Belt + 1 KLD for Domestic + 5 KLD Wire saw + 5 KLD Drilling), which shall be met from Tankers (Shree Ram Construction Company) as committed by PP vide letter dated 14.05.2018.

- 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 485th meeting dtd. 18.05.2018 and decided to accept the recommendations of 303rd SEAC meeting dtd. 23.12.2017.

Hence, Prior Environmental Clearance is granted for **Granite Block** (Opencast semi mechanized method) in an area of 9.580 Ha. for production capacity of 1,517 cum per annum at Khasra nos. 1137/1, 1137/2, 1137/3, 1137/5, 1148, 1149/1, 1149/2, 1149/3, 1150, 1152/1, 1152/2, 1157/1, 1157/2, 1157/4, 1157/5, 1158/1, 1158/2, 1158/3, 1159/1, 1159//2ka, 1159/2kha, 1159/3, 1160/1, 1160/2, 1160/3, 1160/4, 1160/5, 1161/1, 1161/2, 1161/3, 1163/1, 1163/2, 1164, 1165/1, 1165/2, 1165/3, 1166/1, 1166/2, 1166/3, 1167/1, 1167/2, 1168/1, 1168/2, 1168/3, 1169/1, 1169/2, 1170, 1171 and 1172/2 at Village- Thangaon, Tehsil - Kotma, Dist. Anuppur (M.P.), **for the lease period** to M/s Shri Radheshyam Minerals, through Partner Shri Venkateshwar Khedia, Khedia Bhawan, P.O. Bijuri, Dist. Anuppur (MP) - 484440, 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. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
4. 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.
5. PP will plant 3 years old 2000 trees saplings of suitable indigenous tree species in barrier zone during first year.
6. PP shall ensure to construct and maintain approx 1.7 km as Pakka approach road and maintained the existing pakka road in consultation with District Administration. Plantation will be carried out on both side of approach road.
7. PP shall ensure to construct chain link fencing towards forest site before execution of mining operation.
8. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
9. No overburden will be dumped outside the mine lease area.
10. No blasting shall be permitted in the mining lease area.
11. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
12. PP shall ensure generation of employment opportunities nearby Village on priority bases.
13. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.

14. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
15. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
16. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
17. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
18. PP shall ensure proper implementation of plantation, dust suppression, approach road construction, maintenance of existing pakka road and constructed of garland drain with settling tank specially for prevention of pollution in nearby lake as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
19. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR :
 - a) Computer education- providing at least 2 computers in nearby middle school at Thangaon, Bijuri and providing facilities of teacher for computer education and basic education, Financial support to the village school etc.
 - b) Establishment of Skill development center at Bijuri village specially for youth, woman's.
 - c) Construction of toilets with water tank and its regular maintenance at nearby villages Sugudi, Thangaon, Kudri, Mahuari, Bhagta (Two toilet each for man and women).
 - d) Need Base activities of Local authorities requirement.

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 Grampanchayat.
20. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
21. 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.
22. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
23. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
24. The proposed plantation should be carried out along as per the submitted proposal and PP would maintain the plants for five years including casualty replacement.
25. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
26. Transportation shall not be carried out through forest area.
27. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
28. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
29. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
30. Garland drain will be provided the foot of the small hillock in all direction to prevent the flow of silt towards the agricultural land. Three settling tanks is proposed in the lease area with size of 1180sqmx 5mD, 940sqmx 5mD and 630sqmx5mD. All garland drains shall be connected to

- settling tanks through settling pits and settled water shall be used for dust suppression, green belt development. Regular de-silting of drains and pits/settling tanks should be carried out.
31. Construction of retaining wall need to be started along the foot of hillock prior to start of mining operation and may have dimension of 1mt height and 1500 mt length.
 32. Regular water spraying should be provided on 0.20 km long and 08.00 meter wide haul road and 1.70 km long and 06.00 meter wide transportation road for dust suppression.
 33. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
 34. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
 35. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 36. The proposed EMP cost is Rs. 92.54 lacks and Rs. 18.99 lacks /year are proposed as recurring expenses out of which Rs. 37.04 lacks is proposed for green belt development and Rs. 01.00 lacks /year for recurring expenses for plantation in the proposed EMP of this project.
 37. Under CSR activity, Rs. 27.00 lacks are proposed for the next 05 years in different activities with Rs. 12.20 lacks /year as recurring expenses and same should be implemented through respective committees.
 38. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
 39. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
 40. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 41. PP will comply with all the commitments made vide letter dated 23/12/2017.
 42. Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

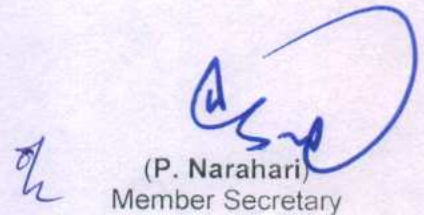
B. Standard Conditions

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.

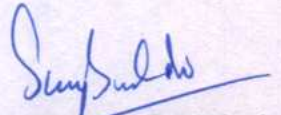
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Endt No. / SEIAA/18 Dated: 2.6.18
Copy to:-


(P. Narahari)
Member Secretary

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