



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

**Environmental Planning & Coordination Organization**

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No: 2275 / SEIAA /19

Date: 15.2.19

To,

M/s Star Mines & Minerals,  
Shri Hemant Kumar Sharma (Partner),  
H.No. 2, Single Story, SBI Colony,  
Baldeobagh, Dist. Jabalpur, MP - 482002.

Sub:- **Case No.5744/2018** - Prior Environmental Clearance for Basalt/Gitti, Murrum, Stone Mine (Open cast semi mechanized method) in an area of 15.0 Ha. for production capacity of 42475 cum per year at Khasra No. 01 at Village- Indrana, Tehsil - Majhauri, District- Jabalpur (MP) by M/s Star Mines & Minerals, Shri Hemant Kumar Sharma (Partner), H.No. 2, Single Story, SBI Colony, Baldeobagh, Dist. Jabalpur, MP - 482002.

- I. This has reference to your letter received in SEIAA office on 31.08.2018 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. It has been noted that the proposal is for **Basalt/Gitti, Murrum, Stone Mine** in an area of 15.00 ha. The mining lease area is located at khasra no 01 at Village- Indrana, Tehsil - Majhauri, District- Jabalpur (MP). There is no human settlement & waterbody within 500 m .There is no National Park/ Sanctuary within 10 Km radius. There is no forest boundary within 250m from mining 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 516th meeting dtd. 20.12.2018 and decided to accept the recommendations of 335th SEAC meeting dated 01.12.2018.

Hence, Prior Environmental Clearance is granted for Basalt/Gitti, Murrum, Stone Mine (Open cast semi mechanized method) in an area of 15.0 Ha. for production capacity of 42475 cum per year at Khasra No. 01 at Village- Indrana, Tehsil - Majhauri, District- Jabalpur (MP) for the lease period to M/s Star Mines & Minerals, Shri Hemant Kumar Sharma (Partner), H.No. 2, Single Story, SBI Colony, Baldeobagh, Dist. Jabalpur, MP - 482002, subject to the following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

#### A. SPECIFIC CONDITIONS

1. PP shall not start mining activity before execution of lease agreement.
2. The depth of the pit shall be as per the Approved Mining Plan.
3. The entire area shall be fenced and three rows of plantation should be done on the periphery of the boundary.
4. Proper sign boards highlighting the dangers of trespassing by the villagers should be installed at four corners of the lease area.
5. PP ensure that the proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes especially in summer season shall be meet out through their own bore wells located around the lease area.
6. PP shall ensure to construct approx 700 m. WBM road upto the junction of main pakka road and maintained the approach road. Plantation will be carried out on both side of approach road.
7. PP shall ensure proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes through Gram Panchayat, Indrana, Tehsil – Majhauri, District Jabalpur as committed by PP through vide letter dated 20.12.2018.
8. 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.
9. Total 10000 saplings shall be planted in an area of 2.475 ha area by PP at the end of conceptual period under plantation programme but PP should ensure to plant 3 years old 2000 Nos of saplings of suitable indigenous tree species in barrier zone, Lease boundary & approach road. Plantation of Neem, Peepal, Bargad, Drumstick, Amla, Mahua etc. on priority shall be ensured by PP during first year.
10. 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.
11. PP shall ensure to conduct following social activities with budget provision of Rs. 2.10 lacs as committed under CSR.
  - a) Construction work of sewage drain paved cement and concrete near in the village as Indrana, Bamhauri etc.
  - b) Road repairs of local village as Indrana, Bamhauri etc.

**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 Administration and Grampanchayat.**

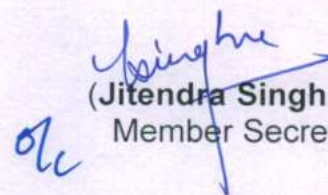
12. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
13. Production shall be as per mine plan with quantity not exceeding for Stone 42,475 cum/annum.
14. The lease area should be clearly distinguished and permanent earmarked at the site.
15. Thick plantation shall be carryout all along the lease boundary.
16. Six monthly occupational health survey shall be carryout
17. PP should explore possibility of using solar lights in office /rest areas.
18. 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.
19. No overcharging during blasting to avoid vibration.
20. Muffle blasting shall be carried out.
21. A village road is passing in the northern –eastern side of the lease hence 50 meter set-back shall be left as non mining area excluding 7.5 meter barrier zone.
22. No explosive will be stored at mine site.
23. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
24. No dump shall be stacked outside the lease area.
25. Top soil shall be simultaneously used for the plantation.
26. A budgetary provision for Environmental management Plan of Rs. 12.73 lacks and under CSR Rs. 5.0 lacks/year is proposed for various activities. 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.
27. 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.
28. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
29. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
30. Transportation of material shall be done in covered vehicles.
31. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
32. Curtaining of site shall be done using appropriate media.
33. 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.

34. Transportation shall not be carried out through forest area.
35. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
36. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
37. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
38. NOC of gram panchayat should be obtained for the water requirement.
39. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
40. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: 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.
41. 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.

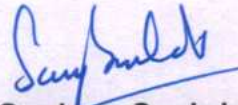
11. The project proponent will ensure necessary protection measures around the mine pit, waste dumps and garland drain.
12. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation 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 2276 / SEIAA/19 Dated: 15.2.19  
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 Jabalpur, M. P.
5. Divisional Forest Officer, District Jabalpur, 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 Jabalpur, M. P.
10. Guard file

  
(Dr Sanjeev Sachdev)  
Officer-in-Charge  
