



**State Environment Impact Assessment Authority, M.P.**  
(Ministry of Environment, Forest and Climate Change, Government of India)

**Environmental Planning & Coordination Organization**

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No.: 3640 /SEIAA/19

Date: 31.12.19

To,

Shri Rishi Mishra,  
A-Block, 3/5 Dutt Arcade,  
Civil Lines,  
Jabalpur, MP- 482001

**Sub: -Case No. – 6362/2019** Prior Environmental Clearance for Navegaon Stone Quarry (opencast manual/ semi mechanized method) in an area of 8.0 Ha. (51414 cum per annum) (Khasra No. 18 Part), Village - Navegaon, Tehsil - Chhindwara, Dist. - Chhindwara (MP) by Shri Rishi Mishra, A-Block, 3/5 Dutt Arcade, Civil Lines, Jabalpur, MP- 482001.

I. This has reference to your letter received in SEIAA office on 14.06.2019 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, Pre-Feasibility Report, ToR and subsequently submission of EIA, Public Hearing and 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 Stone Quarry in an area of 8.00 ha. The mining lease area is located in Khasra No. 18 part at Village - Navegaon, Tehsil - Chhindwara, District - Chhindwara (MP). There is no National Park/Sanctuary within 10 Km radius. There is forest boundary is less than 250 m distance from the ML area. Mining Plan is approved by the IBM (vide Letter No. 1203/Khani/Na.Kra./2019, Jabalpur dated 20.05.2019).

The proposed project is for production capacity 51414 cum/annum. The mining will be carried out by Opencast manual/semi mechanized method. The total water requirement is 7.0 KLD (1.5 KLD for drinking & domestic purpose + 4.0 KLD for mining & allied purpose and 1.5 KLD for green belt development) will meet from nearby villages. Besides this, rain water will be collected in the working pit which will be used for dust suppression & plantation purpose. The public hearing was conducted on 12.10.2019 at mine site, Village - Navegaon, Tehsil - Chhindwara, Dist. - Chhindwara (MP) under chairmanship of Additional Collector, Chhindwara.

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 Septezber 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 589<sup>th</sup> meeting dtd. 13.12.2019 and decided to accept the recommendations of 407<sup>th</sup> SEAC meeting dtd. 26.11.2019.



Hence, Prior Environmental Clearance is granted for **Navegaon Stone Quarry** (opencast manual/ semi mechanized method) in an area of 8.0 Ha. (51414 cum per annum) (Khasra No. 18 Part), Village - Navegaon, Tehsil - Chhindwara, Dist. - Chhindwara (MP) **for the lease period** to Shri Rishi Mishra, A-Block, 3/5 Dutt Arcade, Civil Lines, Jabalpur, MP- 482001, 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. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
3. PP shall not start mining activity before execution of lease agreement.
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. Plantation shall be carried out as per the plantation programme. Total 8,100 plants will be planted including suitable tree species i.e. Neem, Pipal, Bargad along the lease boundary in mine premises ( $675 \times 3 = 2025$  plants), Mango, Gauava, Jamun at village site & Panchayat area ( $675 \times 3 = 2025$  plants), Amla, Imli, Jungle Jalebi at nearby school & Panchayat area ( $675 \times 3 = 2025$  plants) and Kadam, Kala Siras, Amaltas & Amla along the transportation road ( $675 \times 3 = 2025$  plants) **shall be ensured by PP on priority.**
6. Haul road shall be compacted on regular interval and transportation road will be made pucca (tar road) and shall be constructed prior to operation of mine.
7. For dust suppression, regular sprinkling of water should be undertaken.
8. No explosive shall be stored at mine site.
9. PP shall ensure to construct garland drain & settling tanks as recommended by SEAC.
10. Transportation of minerals shall not be carried out through forest area.
11. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.
12. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
13. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
14. 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.
15. PP must ensure the implementation of following activities with separate budget provision of total Rs. 2,00,000/- under CER:
  1. 1<sup>st</sup> year: Overhead water tanker of 1 KLD with 0.5 HP water pump at primary school of Navegaon for drinking water facility.
  2. 2<sup>nd</sup> year: Maintenance of school boundary & toilets.
  3. 3<sup>rd</sup> year: Making plaster & earth work of primary school of Navegaon.
  4. 4<sup>th</sup> year: Maintenance work of PHC of nearby village Navegaon.
  5. 5<sup>th</sup> year: Arrangement of table chair in 1 classroom of primary school for 30 students of village Navegaon.

Every year will arrange Traffic Awareness Training.

**All 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.**



PP should ensure to submit half yearly compliance report, Plantation and CER activity report along with photographs of all activities in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, GoI, Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

## B. Pre-Mining Phase

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

## C. Mining Operational Phase

9. No explosive will be stored at mine site.
10. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
11. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 8,000 nos of trees will be planted within and outside the mine the ML.
12. Transportation of material shall be done in covered vehicles.
13. Transportation of minerals shall not be carried out through forest area.
14. The OB as over burden shall be reutilized for backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
15. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1146 m x 1.0 m x 1.0m. The settling tank will be one in number of size 10.75m X7.0mX3.0m and outlet trench size (out side mine) 105X1.0 m x 1.0m
16. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.
17. Transportation road shall be made pucca.
18. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
20. The existing and proposed land use plan of the mine is as follows:

S. No.	Heads	At present (ha)	At the end of 5 years (ha)	At the end of conceptual period (ha)
1	Total Area Excavated by Mining Activity (Broken)	-	7.1262	7.1262
2	Area Fully Mined-out (Out of 1)	-	-	-
3	Area Fully Reclaimed (Back Filled) (Out of 2)	-	-	-



4	Area Rehabilitated (Out of 3) by Afforestation, Agri. Use, Hutment etc.	-	-	-
5	Area Rehabilitated by Natural Rehabilitation	-	-	-
6	Area Fully Rehabilitation by Bench/Slope Afforestation (Out of 2)	-	-	0.9111

21. 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.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.
26. The solar power will be used at the mine office for illumination.

#### D. Entire Life of the Project

27. The proposed EMP cost is Rs. 15.17 Lakhs and Rs. 2.26 Lakhs /year are proposed as capital and recurring expenses respectively.
28. Under CER activity, Rs1.16 lakhs /year are proposed in different activities and should be implemented through respective committees.
29. 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.
30. 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.
31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
32. PP will comply with all the commitments made vide letter dated 26.11.2019.
33. 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/ 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.

#### E. 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

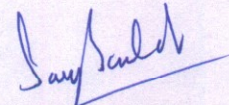
Endt No. 3641 / SEIAA/19  
Copy to:-

Dated: 31.12.19

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



(Dr. Sanjeev Sachdev)  
Officer-in-Charge

