



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

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5, Arera Colony

Bhopal - 462016

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

Email : mpseiaa@gmail.com

Tel.: 0755 - 2466970, 2466859

Fax : 0755 - 2462136

No.: 5354 /SEIAA

Date: 28.12.20

To,
Shri Shishir Khandar,
Samashish Bhavan, 18, Malik Complex,
Tenament Hotel, Airport Center Plient, Somalwada,
Wardha Road, Dist. Nagpur, Mah. 440025

Sub: Case No 7878/2020 Prior Environment Clearance for Sand Quarry (opencast manual method) in an area of 2.0 ha. for production capacity of 5000 cum per annum at Khasra No. 01 at Village - Phutera, Tehsil - Parasia, Dist. Chhindwara (MP) by Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025.

This has reference to your letter received in SEIAA office on 01.10.2020 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 & II, Appendix-1, DSR, 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/Biodiversity area within 10 Km radius. There is no human settlement within 500 m. from mining site. There is no forest boundary within 250 m. from mine site.

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.

III. 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 647th SEIAA meeting dated 07.12.2020 and decided to accept the recommendations of 465th SEAC meeting dtd. 07.11.2020.

Hence, Prior Environmental Clearance is granted for Sand Quarry (opencast manual method) in an area of 2.0 ha. for production capacity of 5000 cum per annum at Khasra No. 01 at Village - Phutera, Tehsil - Parasia, Dist. Chhindwara (M.P.) for the lease period to Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025, subject to the 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 plantations shall be carried out in the greenbelt area in current year with proper watering arrangement.
3. PP shall not start mining activity before execution of lease agreement.
4. The depth of the pit shall be as per the Approved Mining Plan.
5. 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.
6. PP shall ensure to construct garland drain with settling tank all around the lease area and regular cleaning & maintenance shall also be carried out by PP.
7. Total 2400 saplings shall be planted by PP in first three years under plantation programme but PP should ensure to plant 3 years old saplings of suitable local tree species Lease boundary, Village area and Khasra No. 56/2 (Govt. land). Plantation of Mango, Guava, Imli, Kathal, Neem, Bargad, Pipal etc. will be planted on priority.
8. PP shall ensure to construct pakka approach road and maintained it. Plantation will be carried out on both side of the approach road.
9. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
10. PP shall ensure the proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes especially in summer season.
11. 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.
12. PP must ensure implementation of the following activities :-
 - Construction & Levelling of Playground at Futera Village Primary School Campus.

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.

13. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation 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.
14. Following provisions are made by PP in proposed EMP:

S .no.	Particulars	Budget Provisions (Rs)	
		Capital	Recurring
1	water sprinkle facility by Water Tanker for outgoing and incoming transportation vehicles for haul and transportation- 400rs/Tanker, 1 Tanker per day, 200 tankers in 200 working days = 80000	-	80,000
2	Contribution in Maintenance of W.B.M. Road (800m), Speed Breaker, Sign Boards, T Point.	4,00,000	50,000
3	Monitoring twice a year AAQM @20000/yr, Water@10000/yr, Noise@10000/yr	NIL	40,000

4	Plantation (1500 saplings) per year Approach Road and village area - 150 saplings, 1500@200rs. /tree	1,60,000	40,000
5	PUC certification of vehicles and maintenance (1 Vehicles @ Rs 2500)	-	2500
6	Drinking Water Facility and rest shelter (10X20 m) with solar light	50,000	10,000
7	Separate Toilets nearby the Mine area (2 *15000)	30,000	5,000
8	Occupational health checkup in a year for 08 workers (@twice/year) @ 500 x 2 x 08	Nil	8,000
9	Provision of PPEs (helmets, safety shoes, Life Saving Jacket, safety glasses, gloves etc. (08 x 2000)	16,000	2,000
10	Fire Fighting Equipments (2 Nos) @ 20000 / firefighting and first aid @ 2000 per kit	42,000	10,000
11	Development of Grazing Land		10,000
12	PPE kits, Hand sanitizer etc for Covid-19 awareness	1,00,000	
	Total	9,08,000	2,57,500

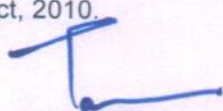
15. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
16. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
17. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
18. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
19. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
20. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
21. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
22. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
23. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
24. No Mining shall be carried out during Monsoon season.
25. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
26. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
27. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.

28. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
29. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
31. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
32. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. 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.
33. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
34. 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.
35. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
36. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
37. 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.
38. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
39. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
40. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

B. Standard Conditions

1. Valid postal address of the PP with e-mail details.
2. Any change in the corressondance address be duly intimated to all the regulatory authority within 30 days of such change.
3. GPS coordinate of the mine lease area be reflected in the EC for the ease of monitoring.
4. A display board with following details of the project is mandatory at the entry to the mine.
 - a) Lease owner's details; Name, Contact details etc.
 - b) Mining Lease area of the project (in ha.)
 - c) Production capacity of the project.
5. No heavy vehicles shall be allowed to enter the river bed.

6. The transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles.
7. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for the said purpose.
8. The banks on the curve of the river regime should be stabilized by proper bunds and then proper plantation should be carried out. Collector, should monitor so that the sand mining should not disturb the ecology of the region.
9. 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.
10. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
11. It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
12. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting.
13. Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
14. Parking of vehicles should not be made on public places.
15. 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.
16. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
17. The project proponent will ensure necessary protection measures around the mine pit, waste dumps.
18. 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.
19. 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.
20. Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
21. 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.
22. Dispensary facilities for first-aid shall be provided at site.
23. 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
24. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
25. 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.
26. 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.

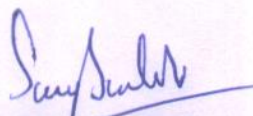

(Tanvi Sundriyal)
Member Secretary

5355
Endt No. / SEIAA/20

Dated: 28.12.20

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


(Dr. Sanjeev Sachdev)
Officer-in-Charge

or